

19980831.qrp v01_n200.qrs.980831

Date: Mon, 31 Aug 1998 19:03:08 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1200

QRP-L Digest 1200

Topics covered in this issue include:

- 1) [18881] BUBBA FUN!
by tom whalen <whalen@swcp.com>
- 2) [18882] bubba
by ac5ez@webtv.net (Larry B)
- 3) [18883] form 159
by ac5ez@webtv.net (Larry B)
- 4) [18884] Re: Unbuilt kits for sale
by we6w@juno.com (Ed Loranger)
- 5) [18885] Re: BUBBA FUN!
by we6w@juno.com (Ed Loranger)
- 6) [18886] BUBBA Humidity Info for Outdoor Ops
by Joe Gervais <vole@primenet.com>
- 7) [18887] Bubba-Texas Style
by "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
- 8) [18888] form 159
by ac5ez@webtv.net (Larry B)
- 9) [18889] 15 meters
by Lisa Osier <osier@northnet.org>
- 10) [18890] Re: Bubba-Texas Style
by we6w@juno.com (Ed Loranger)
- 11) [18891] disrespecting collectors...
by "Paul R. Valko" <prvalko@oakland.edu>
- 12) [18892] Re: May I... sell a rig?
by "Paul R. Valko" <prvalko@oakland.edu>
- 13) [18893] AL7FS BUBBA Stuff
by "Jim Larsen (AL7FS)" <larsennc@alaska.net>
- 14) [18894] Color me Bubba
by "David Ek" <ekdave@earthlink.net>
- 15) [18895] Help for a friend in Frostproof
by "Ken & Linda Burrough" <ne0c@1st.net>
- 16) [18896] Xtal filter for DC receiver - legit?
by "Adam B. Kanis" <adam-kanis@uiowa.edu>
- 17) [18897] Another SW30+ on the air
by "Adam B. Kanis" <adam-kanis@uiowa.edu>
- 18) [18898] Shelby, NC, Hamfest anyone?
by "Gary M. - W2UX" <MAIL4GARY@worldnet.att.net>
- 19) [18899] Newbie/MFJ-9420 wanted

- by James Carmody <carmodyjim@yahoo.com>
- 20) [18900] Re: QSL Program
by "John J. McDonough" <jjmcd@tm.net>
- 21) [18901] School
by Walt Amos <waltk8cv@ameritech.net>
- 22) [18902] RE: solar and wind power for ham radio
by cy r currier <crc3@telplus.net>
- 23) [18903] Bubba 1998 - WB3GCK
by "Craig LaBarge" <labarge@hotmail.com>
- 24) [18904] w/r new ant going up
by jdenison@morelr.com (JOEL DENISON)
- 25) [18905] NORCAL 20
by "Gene Hall" <evhall@ix.netcom.com>
- 26) [18906] Re: School
by "M. Monninger" <markem@primenet.com>
- 27) [18907] Bubba Report
by Kelly Ellison {WB0WQS} <kelman@dialnet.net>
- 28) [18908] Re: QRP just the facts maam
by "Harry, WA3PTG" <hhurst@delaware.infi.net>
- 29) [18909] Re: disrespecting collectors...(not QRP).
by "Vincent Ferme" <vferme@sprint.ca>
- 30) [18910] BUBBA
by flydnq7x@primenet.com (Floyd Smithberg)
- 31) [18911] Bubba - I was bad :-(
by Tim Ahrens <tahrens@inetport.com>
- 32) [18912] New MFJ (Vectronics) QRP Kits?
by "Robert J. Gobrick" <rgobrick@worldnet.att.net>
- 33) [18913] Re: AL7FS BUBBA Stuff 2
by "Jim Larsen (AL7FS)" <larsennc@alaska.net>
- 34) [18914] Re: alternative power generation
by w4bws@juno.com (Donald E Sanders)
- 35) [18915] Re: Are You a REAL Qrp Operator?
by w4bws@juno.com (Donald E Sanders)
- 36) [18916] Re: Emergency Power considerations
by w4bws@juno.com (Donald E Sanders)
- 37) [18917] Re: Are You a REAL Qrp Operator?
by w4bws@juno.com (Donald E Sanders)
- 38) [18918] Re: Organic power: BayGen technology
by w4bws@juno.com (Donald E Sanders)
- 39) [18919] Bubba log
by Paul Helbert <phelbert@rica.net>
- 40) [18920] Homebrew Computer Radio Project
by Tracy@bytemark.com (Tracy)
- 41) [18921] Re: Bubba - I was bad :-(
by Bob Hightower <ki7mn@dancris.com>
- 42) [18922] Bubba '98
by jaywa5whn@juno.com (Jay D Miller)
- 43) [18923] NQ7RP BUBBA Results

by Brian Kassel <bkassel@dancris.com>
44) [18924] FS: NorCal Paddle Kit (Unbuilt)
by "M. Monninger" <markem@primenet.com>
45) [18925] Bubba-bike
by VE3JC - John C <jbcumming@wwdc.com>
46) [18926] RE: Using big rigs
by aweiss@usd.edu (A. Weiss)
47) [18927] Re: NQ7RP BUBBA Results
by Tim Pettibone <tpettibo@NMSU.Edu>
48) [18928] BUBBA
by aweiss@usd.edu (A. Weiss)
49) [18929] KI7MN de N2TO, BUBBA
by "Kevin F. Glynn" <kfglynn@prodigy.net>
50) [18930] Re: Using big rigs
by "George T. Baker" <w5yr@swbell.net>
51) [18931] RE: BUBBA
by "Randy Jouett" <nop@swbell.net>
52) [18932] FS: HW-7, P.S., Manual
by KG2IM@aol.com
53) [18933] BUBBA BLAST
by mfitz@uswest.net
54) [18934] Way to go Joel WA1QVM/AE !
by w4pj@w4bkx.ampr.org
55) [18935] Norcal projects
by Paolo Sassoli <Paolo.Sassoli@italtel.it>
56) [18936] Information about sending items from USA to Spain
by "Juan A. Bertolin" <ea5xq@qsl.net>
57) [18937] RE: Norcal projects
by "Jerry McCollom" <jmc@cnd.hp.com>
58) [18938] Re: Pixie also for DSB? (3)
by "Eim Mulder" <mulder@server4.nfra.nl>
59) [18939] Re: Solar info
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
60) [18940] Re: QRP VS RELIGION
by nilsbull@juno.com (Nils R Young)
61) [18941] Eh? What, no Inet QRP Club server?
by nilsbull@juno.com (Nils R Young)
62) [18942] FS: HW9
by DaveLeDuc@aol.com
63) [18943] Century 22 for Sale
by nhoop@centuryinter.net (N H)
64) [18944] Is anyone out there experimenting with a surface mount RIG
by Luke Enriquez <lenr1@students.latrobe.edu.au>
65) [18945] stealth long wire antennas
by Scott Howell <showell@hq.nasa.gov>
66) [18946] Island Keyer version 151 update chip now available
by Charles Olson <jacksonharbor@worldnet.att.net>
67) [18947] I'm no Bubba :-(

- by Michael Neverdosky <MichaelN@cycat.com>
- 68) [18948] NWQRP NERDS CONTEST 12 SEPT
by ARDUJENSKI@aol.com
- 69) [18949] Re: Xtal filter for DC receiver - legit?
by Zack Lau <zlau@arrl.org>
- 70) [18950] 3SK datasheets
by David Shalita <af389@lafn.org>
- 71) [18951] Small Wonder Labs GM-20
by Wb4jjj@aol.com
- 72) [18952] HW9 for sale
by "Jeff M. Gold" <JGold@tntech.edu>
- 73) [18953] RCA connectors as RF connectors?
by Pierre Constantineau <pierre@cmpe.ubc.ca>
- 74) [18954] RE: NWQRP NERDS CONTEST 12 SEPT
by "Randy Moore" <wr.moore@worldnet.att.net>
- 75) [18955] RE: RCA connectors as RF connectors?
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 76) [18956] Re: [HomeBrew] RCA connectors as RF connectors?
by Chris Trask <ctrask@primenet.com>
- 77) [18957] Bubba's
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 78) [18958] RE: Bubba's
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 79) [18959] BUBBA N2CQ/3
by Ken Newman <n2cq@citnet.com>
- 80) [18960] Backpack QRP shakedown cruise / private BUBBA event
by Allan Taylor K7GT <k7gt@qsl.net>
- 81) [18961] NERDS Date (and day)`
by "Bill Todd" <bill@willapabay.org>
- 82) [18962] Time/Space Continue-um; QRP-1 addiction.
by Ed Loranger <we6w@qsl.net>
- 83) [18963] Re: Time/Space Continue-um; QRP-1 addiction.
by "Bill Todd" <bill@willapabay.org>
- 84) [18964] Appropriate Names
by "Brad Hernlem" <alihernlem@hotmail.com>
- 85) [18965] Bubba and Norcal Paddles
by "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
- 86) [18966] SST fine tuning mod??
by Allan Taylor K7GT <k7gt@qsl.net>
- 87) [18967] Re: altturnative power generation
by Steven Weber <kd1jv@moose.ncia.net>
- 88) [18968] Bubba log
by jim <kw3u@warwick.net>
- 89) [18969] Needed: Filter Design Software
by Larry East <w1hue@amsat.org>
- 90) [18970] Re: altturnative power generation
by jeverhar@cse.l-3com.com
- 91) [18971] Re: Appropriate Names

by Ed Loranger <we6w@qsl.net>
92) [18972] More PIXIE MODs
by Sam Billingsley <SBillingsley@usaninc.com>
93) [18973] Re: Is anyone out there experimenting with a surface mount RIG
by n2tpa@juno.com (Bill d Lazure)
94) [18974] Re: Xtal filter for DC receiver - legit?
by n2tpa@juno.com (Bill d Lazure)
95) [18975] RE: QRP VS RELIGION
by Art Marshall <artm@t-com.com>
96) [18976] Improving the ears of a new 38 Special
by Jerry Conover <jerry.conover@NAU.EDU>
97) [18977] Re: QRP VS RELIGION
by "Vincent Ferme" <vferme@sprint.ca>
98) [18978] Russ <kg6ip@qnet.com>: Ham Equipment for Sale
by k6hcj@juno.com (Marv Fagenson)
99) [18979] Re: sprint (fwd)
by Monte Stark <ku7y@dri.edu>
100) [18980] Re: altturnative power generation
by "David P. Drake" <dpd@dtpx2.ncifcrf.gov>
101) [18981] FS MFJ 9020
by jalbertin@juno.com (Jerry Albertin)
102) [18982] random wire antenas
by Scott Howell <whowell@hq.nasa.gov>
103) [18983] Re: altturnative power generation
by "Randy Jouett" <nop@swbell.net>
104) [18984] Re: altturnative power generation
by Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>
105) [18985] Re: Stirling Engines
by Ed Loranger <we6w@qsl.net>
106) [18986] time/space continu-umm
by THE ONE AND ONLY <mitch96@pobox.com>
107) [18987] QRZ Portland, Oregon?
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
108) [18988] Re: QRP vs Religion
by FrConrad@aol.com
109) [18989] Tv1 to UK
by Niel Skousen <skousen@srv.net>
110) [18990] pixie
by bkobie@webtv.net (patrick obrien)
111) [18991] NorCal Kit Policy Query
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
112) [18992] Re: SMT Parts Source
by n2tpa@juno.com (Bill d Lazure)

Date: Sun, 30 Aug 1998 15:03:50 -0600
From: tom whalen <whalen@swcp.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18881] BUBBA FUN!
Message-ID: <35E9BE36.7CCC@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

QRPer's!

Had a good time for the just the two hours that I operated. Worked only 11 stations and the highlight was when I qso'd with AL7FS in AK. Jim only thought the bands would be dead!! This was on 15m and he was the only signal that I heard on the band.

Until next contest....72, Tom WB5QYT

PS: WE6W ED, you had that neat sound on your cw note again!

Date: Sun, 30 Aug 1998 18:16:40 -0500 (CDT)
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [18882] bubba
Message-ID: <2380-35E9DD58-2396@mailtod-121.bryant.webtv.net>
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

My first bubba contest from the banks of north mesquite creek. Actually the shack is in the garage about 500 feet from the creek ;-)
Made a few contacts on 20m with a mfj 9020, managed to snag nq7rp. It was fun.

Larry Ac5ez
Mesquite Tx

Date: Sun, 30 Aug 1998 18:20:53 -0500 (CDT)
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [18883] form 159
Message-ID: <2378-35E9DE55-3731@mailtod-121.bryant.webtv.net>
Content-Type: Text/Plain; Charset=US-ASCII

Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Guess I am getting stupid in my old age.
Does anyone know what goes in block #1 (lockbox number) and block # 20
(type of payment code) on the 159 "remittance advise" form ? Reply
direct ,I dont want to look stupid in public :-)

Larry Ac5ez

Date: Sun, 30 Aug 1998 19:25:53 EDT
From: we6w@juno.com (Ed Loranger)
To: ke3nv@erols.com
Cc: qrp-1@Lehigh.EDU
Subject: [18884] Re: Unbuilt kits for sale
Message-ID: <19980830.161538.6671.2.we6w@juno.com>

Wow Scott! You've got more kits than a wild fox!!

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
Enjoying Ham Radio every day! Santa Rosa, CA.

On Sun, 30 Aug 1998 16:16:00 -0400 Scott Bauer <ke3nv@erols.com> writes:
>Hi Gang,
>
> More good stuff for sale.
<snip>

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 30 Aug 1998 19:40:52 EDT
From: we6w@juno.com (Ed Loranger)
To: whalen@swcp.com
Cc: qrp-1@Lehigh.EDU
Subject: [18885] Re: BUBBA FUN!
Message-ID: <19980830.162848.6671.4.we6w@juno.com>

Great working you Tom. Seem I found a lot of the gang, for sure.

I'm not sure how much longer the Drake TR-3 will be in service. That note is unique for sure. During the contest I have a few periods where the S-meter pegged in the negative direction, also the rig is MANUAL QSK. The switch is showing some age. It is kind of hard to work these modern contests where most rigs have thea SWEET QRP QSK. I try not to delay too much. No one has complained yet.. I guess I'm fairly fast.

It's a laugh! I key left handed (write with my right hand), and after my last character my left hand switches the rig to receive. Quite automatic. Real funny when I use my OHR-100 and I reach up to flip the TX/RX switch!! where is it??? :) :) Lots of laughs, laughing out loud! (I hope nobody's watching when I do that!)

Oh, for those that wonder why I don't type all the way to the right of the screen, it is for my friends who use extra large fonts. Keeps the lines from breaking in the middle. Yee haw! Bubba-Ah.

>Until next contest....72, Tom WB5QYT

>

>PS: WE6W ED, you had that neat sound on your cw note again!

>

>

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 30 Aug 1998 16:42:49 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [18886] BUBBA Humidity Info for Outdoor Ops
Message-ID: <199808302342.QAA14169@usr06.primenet.com>

Howdy Folks,

Wow, I actually got to operate a radio! Almost forgot

what Morse code sounded like! FUN! A mere four QSOs in the waning 15 minutes I was able to get home for, but well worth it. Thanks *very* much to everyone for coming out! Look forward to hearing all your tales.

Really quick - For your relative humidity, check out <http://weather.noaa.gov/weather/ccus.html> and select your state. From there, you can select your nearest NWS observation site for (among other things) relative humidity for your Heat Index calculation. Or you can call your local airport. Outdoor BUBBAs only, of course. Indoor ops just use your temp (in Fahrenheit).

Figured we all have thermometers, but few of us have humidity gauges. :-)

Gotta run - I'm meeting my deadlines (much to the dismay and disbelief of many) and my co-workers are terrified. 'Cuz ya see, now that my stuff is running, *theirs* is supposed to as well.... The dangers of playing "engineer chicken" on a large project.... Score one for the Vole.

I RULE THE HIGH SEAS OF HIGH-STAKES SOFTWARE DEVELOPMENT!
BWOOOOHAHAHAHAHAHAHAH!!!

(Sorry - uncharacteristic of me. I've *really* been getting beat up over these deadlines. The interim victory is sweet.)

Back to the cubicle, where the plunder of success awaits....

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!"

Date: Sun, 30 Aug 1998 19:46:41 -0400
From: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
To: qrp-1@Lehigh.EDU
Subject: [18887] Bubba-Texas Style
Message-ID: <83E02932.CD7@uts.cc.utexas.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang,

Thanks to the Scorpions for a great contest. Worked NQ7QRP as my first contact and got CAM, HP1AC as my last. Everything in between was just as thrilling. The temp hit 101 about 1930 UTC and stayed there till the end of the contest. That Texas Thunder boomer the night before left plenty of humidity so my Heat Index will be up. Only used a 132 ft doublet, but made 16 contacts. I'll add up the points after I cool off!

Hope everyone else had a good time. Heard some awesome QRP signals from all over the states. Heard Jim up in Alaska, but couldn't snag him.

Let's do it again next year.

Gary, KJ5VW

Date: Sun, 30 Aug 1998 18:52:12 -0500 (CDT)
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [18888] form 159
Message-ID: <2381-35E9E5AC-1901@mailtod-121.bryant.webtv.net>
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Got all the questions answered. Thanks much guys.
Larry Ac5ez

Date: Sun, 30 Aug 1998 06:53:22 -0700
From: Lisa Osier <osier@northnet.org>
To: qrp-1@Lehigh.EDU
Cc: osier@northnet.org
Subject: [18889] 15 meters
Message-ID: <35E95952.17B0@northnet.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang!!!

Seems 15 got open today after the storm mess!!!....worked PY2R0E with 3 watts from my ARGO into a vertical and got a 559...signals from

the west also were strong ...wiked W5WAX on 15 too from OK.....
Looking forward to the fall months!!!!

73/72s
GEORGE OSIER , N2JNZ

Date: Sun, 30 Aug 1998 19:59:45 EDT
From: we6w@juno.com (Ed Loranger)
To: ghanson@uts.cc.utexas.edu
Cc: qrp-1@Lehigh.EDU
Subject: [18890] Re: Bubba-Texas Style
Message-ID: <19980830.164919.6671.5.we6w@juno.com>

On Sun, 30 Aug 1998 19:46:41 -0400 "Gary R. Hanson"
<ghanson@uts.cc.utexas.edu> writes:
>Hi gang,
>
>Thanks to the Scorpions for a great contest.
INDEED!! 3 Cheers to the sQRPions! And the Vole has
my log already!

> Worked NQ7QRP as my
>first contact and got CAM, HP1AC as my last.

Wait a minute. NQ7RP was MY First contact T00!! 1806Z
I wonder who Brian's first contact was??

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
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Date: Sun, 30 Aug 1998 20:01:47 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Jim Lowman <jmlowman@ix.netcom.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [18891] disrespecting collectors...
Message-ID: <Pine.OSF.3.95.980830195322.26486A-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 30 Aug 1998, Jim Lowman wrote:

> I discovered that Vic and I have a mutual distaste for collectors

Hmmm... tell that to the guy who phoned me from West Virginia an hour ago.

I spent 35 minutes on the phone with him talking him through the Ten Tec PM-1 that he bought at a swap today. I had all three Power Mites available to figure out that he had one of the last PM-1 models made. My desk was covered with every article from my collection, just to answer his questions and help him get that classic on the air.

Thanks to my help (his words) that PM-1 will be singing on 7.040 tonight.

I'm sure Collins/Drake/Heath people feel the same way about helping others. Fortunately... we do some good.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

Date: Sun, 30 Aug 1998 20:05:31 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: N H <nhoop@centuryinter.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18892] Re: May I... sell a rig?
Message-ID: <Pine.OSF.3.95.980830200259.26486B-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 30 Aug 1998, N H wrote:

> I have a rig for sale that will put out more than 5 watts, but works just
> fine for CW QRP as I have been using it. May I advertise it here?

You mean like this...(?)

FOR SALE

Yaesu FT-900at with Yaesu CW filter option and (never used) separation kit. Like new, in the box, \$900 shipped to you Fed-Ex upon your USPO money order. Write for more details.

73! =paul= W8KC
Collector of Ten×Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

Date: Sun, 30 Aug 1998 16:15:02 -0800
From: "Jim Larsen (AL7FS)" <larsennnc@alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@Lehigh.EDU>
Subject: [18893] AL7FS BUBBA Stuff
Message-ID: <35E9EB05.B2AAECCC@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What a day!!! That was tough. 15 meters saved my day. 1st hour one QSO...Thank you Ed, WE6W. 2nd hour 5 more Qs. We were really rip snorting that hour. 3rd hour, went to 15 mtrs (had checked earlier and it was no good then), and got 10 Qs, then the switch flipped and it was back to a blazing 3 Qs the last hour. Whew!!!

For fun,
Hour 1 20 mtr
we6w ca
Hour 2 all 20 mtr
ki0af ia
ki7mn az
k0lww mo
wi6n ca
nq7x
Hour 3 - 15 mtr
kq7x az
n7cee az
wb5qyt nm
n4bp fl

ki7mn az
nq7rp az 10,000 pts!!!!
kc7ywd az (ok in log but no temp for BUBBA)
n0ur mn
ki0ky co
kq0i ia
kg5u tx
wa1zvm in log but no good for BUBBA
Hour 4 15 mtr (2 ea) 20 mtr=ade)
k1yjk/0 co
n0qt co
w0rsp sd

So now I have to figure out the details and submit my contest entry. I had fun. It is good we QRP operators are so easily made happy.

Thank you to those who hung in there. The QSB was a killer and once again, the propagation was up to an area for 1-2 minutes and then gone. Really gone. Many of you I may have given a 339 or even a 229 but you were not even slightly moving the S-meter.

73, Jim, AL7FS

Date: Sun, 30 Aug 1998 18:52:00 -0600
From: "David Ek" <ekdave@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [18894] Color me Bubba
Message-ID: <000501bdd479\$90f74f20\$9dac85ce@davidek>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bubbas -

Enjoyed working you all in the contest this afternoon. Bands started off pretty quiet but picked up as the afternoon wore on. Heard only a few stations on 20m at the start, so after I worked everyone I could here (including NQ7RP) I tried calling CQ (I'm usually a "search & pounce" kinda Bubba) for a bit with only one taker (tnx Bob KI7MN!). Moved down to 15 after a dry spell on 20m and worked one of my four QSOs on that band. Nothing else heard on 15 so I moved back up to 20 and started calling again. All of a sudden I had a bunch of Bubbas calling at the same time--cool! Never had that happen before on QRP. Managed to muddle through that

mini-pileup and work seven stations in a row. Last one was a real challenge with a lot of QRM. Finally I was bullied off the frequency and went back to 15 for another try. This time I got three more contacts. Back to 20 for the last 40 minutes but could only find three new ones before shutting down.

Listened on & off on 40 but heard absolutely nothing here. On 20 & 15 I got 5 east coast stations (VA, NY, NC), 4 TX, 3 AZ, 4 CA, 2 VE's, and a few midwestern hams. Good coverage of the entire country from Colorado.

Final score: 24 QSO's x 13 SPC's x 1 (indoor op) x 1 (2 or 5 watts) x a comfy 70 deg + 10,000 = 31,840 points. Not a top contender but certainly a happy one.

Rigs: SW+20, OHR-100, IC-706 (don't start with me about QRO rigs fer QRP...).

72 de Bubba Dave AB0GO

Date: Sun, 30 Aug 1998 20:56:18 -0400
From: "Ken & Linda Burrough" <ne0c@1st.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [18895] Help for a friend in Frostproof
Message-ID: <005101bdd47a\$3f787740\$c607f0d1@ne0c.1st.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang

A friend of mine who moved from Eastern Ohio to Frostproof, Fl. and need some help installing an SG-230 tuner and or the ground/counterpoise. KB8QOR, Bill Scott and I had a telephone conversation Saturday and I told him I would ask on the list to see if someone in the Frostproof area could look at what he wants to do and advise him on how to do it. The ground/counterpoise seem to be the problem. If any one out there lives in the Froostproof area and has time to help Bill please e-mail me at ne0c@1st.net and I will give his address and phone number.

Thanks--Ken/ne0c---Flushing, Ohio

Date: Sun, 30 Aug 1998 19:41:17 -0500
From: "Adam B. Kanis" <adam-kanis@uiowa.edu>
To: qrp-l@Lehigh.EDU
Subject: [18896] Xtal filter for DC receiver - legit?
Message-ID: <3.0.3.32.19980830194117.0069840c@divis17.ped-gen.uiowa.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hi,

question for the rf designers on the list. is there any utility in adding a crystal filter stage to a crystal controlled DC receiver (with the filter crystals matched to the same frequency as the oscillator crystal)? initially i thought that it would be useful, but i haven't seen any circuits using one - so i started 2nd guessing myself and am thinking that perhaps i'm missing something.

are there any particular hazards in designing something like this? i realize that there would be insertion loss, and may require (or not?) an amplification stage.

thanks in advance.

--adam

Adam B. Kanis, N2BRT QTH: Wellman, IA (Near Iowa City) EN41ck
adam-kanis@uiowa.edu ARRL:RSGB:QRP ARCI:NorCal:QRP-L:G-QRP:CQC
** On the Web at <http://genome33.ped-gen.uiowa.edu/hamradio> **

Date: Sun, 30 Aug 1998 19:54:15 -0500
From: "Adam B. Kanis" <adam-kanis@uiowa.edu>
To: qrp-l@Lehigh.EDU
Subject: [18897] Another SW30+ on the air
Message-ID: <3.0.3.32.19980830195415.006d8d08@divis17.ped-gen.uiowa.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hi all,

Finally got my SW30+ from the Elmer101 class into its case (don't forget to measure clearances behind larger pots folks! ARrrrrgggh). Pushed the twinlead back through the hole in the wall to the SLV, stretched the

radials back out, and answered a CQ from WZ4L from TN (?500 miles). He nearly blew my ears off, he gave me a 579.

Looks like i have a few things to change over time on the SW30+

- 1) Gotta decrease the xmit offset - tone is too high (800-1000 Hz).
- 2) When peaking T1, i bottomed the slug out, it might have just peaked, but i'm not sure.
- 3) Gotta raise the tuning range 11 kHz (currently tunes 10.089-10.122 MHz). C7's gonna have to be between 47 and 68 pF.

CUL.

--adam

Adam B. Kanis, N2BRT QTH: Wellman, IA (Near Iowa City) EN41ck
adam-kanis@uiowa.edu ARRL:RSGB:QRP ARCI:NorCal:QRP-L:G-QRP:CQC
** On the Web at <http://genome33.ped-gen.uiowa.edu/hamradio> **

Date: Sun, 30 Aug 1998 21:02:11
From: "Gary M. - W2UX" <MAIL4GARY@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [18898] Shelby, NC, Hamfest anyone?
Message-ID: <3.0.5.16.19980830210211.3d1fd6dc@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just wondering if anyone from the QRP-L will be at the Shelby Hamfest. I will be there from Thursday til Sunday and look forward to meeting any of you in person. I always camp out by the back gate behind the Fire Department.

Hope to see you there.

=====
72/73
Gary - W2UX
Lexington, SC
CW is the REAL Thing!!
Use it or Lose it.
=====

Date: Sun, 30 Aug 1998 18:00:13 -0700 (PDT)
From: James Carmody <carmodyjim@yahoo.com>
To: qrp-1@lehigh.edu
Subject: [18899] Newbie/MFJ-9420 wanted
Message-ID: <19980831010013.20390.rocketmail@send1d.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

After 38 years of ham radio, I have discovered that my last 5 on the DXCC list will come very slowly. So, why not try QRP? But I need a rig--my TS-50 is ok for 10 watts is small but a little too heavy for travel and the power drain is a little much for small supplies or batteries.

So, I am looking at the MFJ 9420 as a traveling option. Comments or offers to sell or another rig considered.

73,

Jim Carmody in Houston, nn5o

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Sun, 30 Aug 1998 21:37:02 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [18900] Re: QSL Program
Message-ID: <199808310133.6804000@is1.tm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hey - I made it! With the bands a bit soft, I was able to get where I wanted tonight on the QSL program. It's now just about useable.

To try it out, head on over to:

<http://members.tm.net/jjmcd/hamradio.htm>

It's free, it now saves designs.

72/73 de WB8RCR
didileydadidah

Date: Mon, 31 Aug 1998 01:25:35 +0000
From: Walt Amos <waltk8cv@ameritech.net>
To: qrp-1@Lehigh.EDU
Subject: [18901] School
Message-ID: <35E9ED7F.18C46408@ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sure will be glad when SCHOOL STARTS :)

Walt k8cv

Date: Sun, 30 Aug 1998 21:31:06 -0400
From: cy r currier <crc3@telplus.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>,
"revinger@marshallonline.com" <revinger@marshallonline.com>
Subject: [18902] RE: solar and wind power for ham radio
Message-ID: <01BDD45D.8A4581E0@bgr96.lobster.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

i couldn't resist the hydrogen problem. the larger 2v cells such as =
phone co types have h2 filters so all they gave off is water vapor. the =
top is a funnel for
adding distilled water. they remove to install travel caps should they =
need to=20
be moved. check around. sometimes u can get them surplus from the phone=20
co. new is out of the question as they are abt \$880 for one 2v cell. =
each weighs 2-300lbs. we're talking massive.
hydrogen is the lightest gas there is. an inverted tub or plastic =
container over
the batts w plastic piping to the outside if almost vertical should =
work. the belt and suspenders types can use a small computer fan during =
max generating periods.
for capacity per dollar the golf cart batteries have large capacity and =

are quite
durable. 2 in series (6 + 6 =3D 12v) equal 3 or 4 deep discharge =
trolling motor
batteries. don't forget to heed the excellent information others have =
provided.
keep the temp constant, vent or control the extremely explosive gases, =
keep
the bank charged. see u on the air when the mains is out. cy - k1tes =20

From: bob evinger
Sent: Saturday, August 29, 1998 5:29 PM
To: Low Power Amateur Radio Discussion
Subject: Re: solar and wind power for ham radio

I have a few things to add as well.

Bob Evinger | 19250 N. Livingston Road | revinger@marshallonline.com
WD9EKA | Marshall, IL 62441 |=20

On Sat, 29 Aug 1998, Jim wrote:

> Ive been following the threads abt solar/wind pwr and have afew
> comments.
> First most lead acid btrys do give off gas and you dont want that
> corrosive and dangerous stuff inside the house. What I did is use a =
12v
> muffin fan and PVC to move the gas outside. The btry bank is inside my
> house to keep them warm in winter and cool in summer. I built a =
plywood
> box around the btry bank. Btrys dont like to get cold or hot.=20

I did a similar installation minus the muffin fan. I have a bottom and
top pvc pipe feeding the box. I made an interesting discovery at
my last house, I have a KnightHawk CO detector with LED display
I discovered that it also apparently detects raw hydrogen. I dont
know if the PPM indication is correct, but it does register something
when the batteries are outgassing. So when I moved here I=20
installed one the detectors in the shack and occasionally turn it on
when the batteries are charging. Shows 0 all the time makes me feel
better knowing that the seals on the box door are still tight.=20

The previous house I had the batteries in the basement without a box and
a CO detector down there. Took me a few days to realize I didnt have a
major CO leak. Come home indicator high, after sunset count would go
back to 0, hummmm added a vent to outside in that room and
the count stayed a lot lower. Probably still should have boxed the

batteries and that is part of the reason that the new place has them in a vented box.

>=20

> I also have a 300w wind charger, and have had some experience with
> lightning hits. My "Air Marine" is 330w and a small 12v charger ment =
to

> provide a small charge during winter spring months when sunshine is
> missing but we have lots of wind storms in the Ozark mts.

>=20

> The manual says you must ground the negative power cable at the base =
of

> the tower only on the 24v model. I didnt ground my 12v and got zapped
> several times with full warranty replacement. But was getting tired of
> all that tower climbing! So I bared the neg power cable at the base of
> the tower and drove in a ground rod and clamped the cable to that.=20

> NO MORE PROBLEM!=20

>=20

I have the non marine version and have wondered about this myself, seems like I am going to either climb the tower tomorrow and ground it to the tower at the top or do the same as you and tie it off at the bottom. There statement just didnt seem like the safest thing and you just confirmed it... thanks.

Oh and am I jealous on the solar array. I have a 100 watt panel and the 300 watt generator. I plan on adding some panels sometime but doubt I will be to your size for quite sometime.

bob

Date: Sun, 30 Aug 1998 18:33:36 PDT
From: "Craig LaBarge" <labarge@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [18903] Bubba 1998 - WB3GCK
Message-ID: <19980831013337.1016.qmail@hotmail.com>
Content-Type: text/plain

I used the Bubba contest as a excuse to get outside and do some experimenting with portable antennas. The weather was a sunny 90

degrees here in southeastern Pennsylvania. I worked the first 3 hours of the contest and made 14 QSOs with 9 SPCs, all on 40 meters at 950mW.

I checked 20 meters once and only heard a lot of digital racket. The band seemed real weird, so I guess I better check to see if my 20 meter rig is working or not.

My antenna was an "Up & Outer," using a 20-foot, Black Widow rod as the vertical element. For those unfamiliar with the U&O, it's a vertical radiator with a single elevated counterpoise wire and fed with twinlead or open-wire feeder. The rod was mounted on top of my pickup truck, putting the base up at about 7 feet. I used a single 19-foot counterpoise which sloped down to a stake in the ground. I fed the thing with a 5-foot piece of twinlead. Seemed to work pretty well for such a simple antenna. And, best of all, it only fell on me once! :-)

73, Craig WB3GCK

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sun, 30 Aug 1998 20:33:31 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-1@Lehigh.EDU
Subject: [18904] w/r new ant going up
Message-ID: <199808310133.UAA01536@ns1.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang:

well I tried the twenty meter this & that way in the vertical mode and it worked fairly good considering the band was shot...

In the process I noticed that I could bet four ropes between a few trees and make frame for a twenty meter quad... sooooo I called my quad person and got his magic numbers and am in the process of making a quad that will be up about thirty feet to the center of it and I'll have four elements with .2 wavelength spacing facing ne/sw (both quads will use the same reflector...this away / that away kind of thing)...

This should be able to last the winter and is away from power lines and except for the bumble bee nest next to one of the ropes there should be no problem...

See Y'all

joel, wa5cvm, in maine, bumbling along...

WA5CVM

Joel Denison

PO BOX 542

Strong, Maine 04983

jdenison@morelr.com

3-element Wire/Rope This & That away yagi for 20mtrs

Gentle Lady R C sailplane

Date: Sun, 30 Aug 1998 00:15:26 -0400

From: "Gene Hall" <evhall@ix.netcom.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [18905] NORCAL 20

Message-ID: <000201bdd47f\$cd5b74e0\$2cabbacd@#evhall>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Friday I received a letter from Jim Cates that had my voided check in it. I hadn't moved fast enough to get one of the NORCAL 20 kits.

Definitely a disappointment but I know there will be other opportunities.

To Jim and the rest of the NORCAL 20 team -

My hats off to you! What you have undertaken to put this project together is amazing. I can well understand why you feel it necessary to put a limit on the number of kits and duration of the project. I wish you all the success in the world on this and your future projects.

To the QRPers that were successful in getting on the list -

You have my congratulations. The rest of us will be waiting to hear how the building is going and to have QSOs with you on those new rigs, both stateside and DX.

Maybe we have the makings of a new contest here - Worked All 1,000.

Perhaps after we start hearing about how they are go together and they start showing up on the air one of our favorite small businesses will be able to put a deal together for production of the kit. I hope so and suspect many others will want to see this also.

Best of luck to all involved!

72.....WA4HHP.....Gene.....Summerville, SC

Date: Sun, 30 Aug 1998 18:35:39
From: "M. Monninger" <markem@primenet.com>
To: waltk8cv@ameritech.net, "Low Power Amateur Radio Discussion" <qrp-
l@lehigh.edu>
Subject: [18906] Re: School
Message-ID: <3.0.5.32.19980830183539.0099f100@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:25 AM 8/31/98 +0000, Walt Amos wrote:
>Sure will be glad when SCHOOL STARTS :)
>
It started two weeks ago (Aug 17) here (Gilbert AZ, nr Phoenix)...

Mark AA7TA

Date: Sun, 30 Aug 1998 20:39:45 -0500
From: Kelly Ellison {WB0WQS} <kelman@dialnet.net>
To: qrp-l@Lehigh.EDU
Subject: [18907] Bubba Report
Message-ID: <35E9FEE1.343F1D14@dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello All,

I operated in the yard, used the QRP+ and St. Louis Vertical without coil and LDG tuner. Got to operate for 2 1/2 hours before I had to go to work. It was 91 degrees and the humidity was 50 percent (that's low for SW MO). The band seemed to be down with lots of QSB but this is my first Sprint with the SLV so it could be that I don't have the vertical optimized yet. The idea of using that pole for an antenna is the coolest!

Here's how I did:

$32 \text{ QSO's} \times 17 \text{ SPC} \times 1(5\text{w}) \times 2(\text{outside}) \times 97 \text{ deg} + 20000 = 125,536??$

This is the first time I have ever figured my score. It was mighty hot under the shade tree but every once in a while a breeze would blow. I

was kinda worried about the equipment.. it did fine though. I had trouble sending with my paddle a few times. Thanks to the ScQRPions for a fun Sprint. Hope to see you all next week.

73,

Kelly Ellison
WB0WQS
Aurora, MO

Date: Sun, 30 Aug 1998 21:49:51 -0400
From: "Harry, WA3PTG" <hhurst@delaware.infi.net>
To: <qrp-1@Lehigh.EDU>
Subject: [18908] Re: QRP just the facts maam
Message-ID: <199808310143.VAA00038@fh101.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

To misquote George Carlin:

Watts watt, and that's that.

Date: Sun, 30 Aug 1998 22:02:04 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [18909] Re: disrespecting collectors...(not QRP).
Message-ID: <002a01bdd483\$5ac97b80\$383167d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Paul,

I was also surprised by the remark, but after some thought, I think I know what they meant. If this is the case, I agree with them. If not, I respectfully disagree. The part I don't like about the collecting "business" is the business side of it. Collecting for pleasure it's another part of the hobby or a hobby on its own. Collecting with the expectation to

make money later is another story. Nothing illegal, of course!

I know a guy obsessed about finding stuff that he thinks will be valuable in the future, it's always on his mind. One case I remember was when he found a pack of cigarettes with a famous logo and name on it. He had heard it was unlicensed and the owner of the trade mark was suing the tobacco company. He tried to buy as many packs as he could find. After that, it was a deodorant, and on and on

73 de Vince, VE3VFN.

-----Original Message-----

From: Paul R. Valko <prvalko@oakland.edu>

>> I discovered that Vic and I have a mutual distaste for collectors

>

>Hmmm... tell that to the guy who phoned me from West Virginia an hour ago.

Date: Sun, 30 Aug 1998 19:15:10 -0700 (MST)

From: flydnq7x@primenet.com (Floyd Smithberg)

To: qrp-l@Lehigh.EDU

Subject: [18910] BUBBA

Message-ID: <199808310215.TAA02445@smtp04.primenet.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Propagation was up and down, mostly down here but had a great time till shortly after 3pmst when the activity really dropped off...upon checking the rules found the contest was over :-(geeesh so much fun, so little time. Got AL7FS and HP1AC on CQs and then got them both again on 15M at a peak when Jim was like S9!!

Worked

NQ7RP with Brian at the key on 20,15 and 10 (groundwave-15 miles) by pure luck, nothing prearranged---heard no one else on 10M. Also heard no obvious female names

this time. Thanks to all who simmered their B----s today, now you can look forward

to chilling them in FYB0.

Band	QS0s	Points	SPCs
20CW	41	41	22
15CW	8	8	7
10CW	1	1	1

Totals 50 50 30

QSOs x SPCs x PWR x Category x Heat x Bonus = Total Score
50 x 30 x 1 x 1 x 88 x 30K = 162,000

Gear: TS850 5watts out to WM-2...3 el Yagi @ 40'...ThinkPad w/TR LOG 6.29

Category: Single Op, Indoor 88F+

73 Floyd NQ7X Phoenix ScQRPion

Date: Sun, 30 Aug 1998 21:21:40 -0500
From: Tim Ahrens <tahrens@inetport.com>
To: qrp-1@Lehigh.EDU
Subject: [18911] Bubba - I was bad :-(
Message-ID: <35EA08B4.B4C7D7D@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Folks... I have to confess that I probably broke just about every
QRP rule in the book for the contest today...

1. I forgot about the contest.
2. I used the IC-706 for the rig (at 5w). Is that QROp or QRPo?
3. I used the TH7DXX on 20 & 15.
4. I used the phased arrays on 40.
5. I sat under the AC at 75 degs.

--- but ---

In spite of all of these sins, I had a good time! Got lots of
the guys: WE6W, KI7MN, NQ7RP (on 20 & 15), Cam in the land below,
K5OI, & 15 others! I had kid duty while the XYL & #1 harmonic went
to a movie, but the young ones were quite reserved while daddy
hammered at the key.

I promise that the next contest I'll use my homebrew ugly construction
direct conversion receiver rig at 200 mw, and use only a short long
wire thrown up in the tree. That'll show those purists! ; -)

Thanks for a good time!!

Tim W5FN

Date: Sun, 30 Aug 1998 21:26:19 -0500
From: "Robert J. Gobrick" <rgobrick@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Cc: Paul Harden <pharden@aoc.nrao.edu>
Subject: [18912] New MFJ (Vectronics) QRP Kits?
Message-ID: <3.0.32.19980830212307.00c92ab4@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP-L fans,

The following is a posting that I made to the Minnesota QRP Society monthly electronic QRP newsletter (<http://www.qsl.net/mnqrp/>) Enjoy.

New MFJ QRP Kits?

By Bob Gobrick N0EB - Minnesota QRP Society

The September 1998 Tech America flyer (1-800-877-0072 for free catalog) has a new line of kits from Vectronics Inc. that look to be QRP related. Maybe this is the long awaited kick-off of MFJ getting into the QRP kit business (Vectronics is owned by MFJ). Offered in the Tech America flyer are a number of kits including a very inexpensive Super CW Audio Filter Kit and a CW Keyer Kit that appear, by their specifications, to be similar to the MFJ commercial units.

Upon further investigation of the Vectronics Web page <http://www.vectronics.com/> I noticed among their new kit offerings four ham band receiver kits and four matching (?) CW transmitter kits. There are no specifications or pricing for these units, at this time, but I imagine that will follow shortly. Also in MFJ style they have a webpage that provides the on-line manual for these units.

It should also be noted that cabinets and cabinet hardware are sold separately for these kits. This probably goes along with a report that Paul Harden NA5N made in the latest MFJ 90 s Newsletter that MFJ is starting to manufacture their own line of cabinets (also for general sales - see mfjenterprises.com home page).

So stay tuned for what may be another QRP kit supplier for our growing hobby.

Bob Gobrick - Stillwater, MN
Internet: rgobrick@att.net

Date: Sun, 30 Aug 1998 18:27:52 -0800
From: "Jim Larsen (AL7FS)" <larsennc@alaska.net>
To: Floyd Smithberg <flydnq7x@primenet.com>, "qrp-1@lehigh.edu" <qrp-1@Lehigh.EDU>
Subject: [18913] Re: AL7FS BUBBA Stuff 2
Message-ID: <35EA0A28.10194BC2@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Floyd,

Yes, I can log pretty well, I just cannot type. I have made two or three typos so far. I had company coming over in just minutes and rushed it. They are gone now so I can slow down. Known typos are yours and WA1QVM and I think there was one more but can't think of it just now. Sorry. You are in the log with correct everything.

73, Jim, AL7FS

Floyd Smithberg wrote:

> Hi Jim, you sure had a great sig on 15m; s9....Btw, kq7x was me again NQ7X
> on 15M.
> >
> 73 Floyd NQ7X Phoenix ScQRPion

Date: Sun, 30 Aug 1998 10:03:43 -0700
From: w4bws@juno.com (Donald E Sanders)
To: kd1jv@moose.ncia.net
Cc: qrp-1@Lehigh.EDU
Subject: [18914] Re: altturnative power generation
Message-ID: <19980830.103108.12078.4.W4BWS@juno.com>

How about a device to hook to the toilet that would generate power with every flush to keep the battery charged- gives new thought to hydro power. Oh no, I can see the burrito/methane string coming

Donald E. Sanders W4BWS

694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937

407-779-0222 Fax 407-779-0830

E-mail to w4bws@juno.com

My favorite QRP rig glows in the dark

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Date: Sun, 30 Aug 1998 10:30:04 -0700

From: w4bws@juno.com (Donald E Sanders)

To: nop@swbell.net

Cc: qrp-1@lehigh.edu

Subject: [18915] Re: Are You a REAL Qrp Operator?

Message-ID: <19980830.103108.12078.6.W4BWS@juno.com>

Inquiring minds want to know, which works better, a spud or a lemon battery?

I can see it now a tray of potatoes under the bed. and my mother thought I

was crazy with the tray of leyden jars.

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REAL QRP operator uses "organic" power.

>>ie. hamster, buddy on bicycle, potatoes...

>>Yes potatoes. For details on a "tator battery"

>>let me know....

>>Kevin, WB5RUE

>>wb5rue@stic.net

>Yeah. Let me hear about this potato battery. Heck, maybe we cud get

>together for QRP TTF with a bunch of qrp rigs powered by this wacky stuff,

>take pictures, and post em' to the net! LOL! Hey, how about we hamster

>power a 250mw 10mtr rig and trickle charge the battery with a generator tied

>to his exercise wheel?? LOL!
>Hey. Would we get a better multiplier for using this kinda' power? :^)
>Randy AB5NI
>nop@swbell.net

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Date: Sun, 30 Aug 1998 10:15:32 -0700
From: w4bws@juno.com (Donald E Sanders)
To: pbuck@infoblvd.net
Cc: qrp-l@lehigh.edu
Subject: [18916] Re: Emergency Power considerations
Message-ID: <19980830.103108.12078.5.W4BWS@juno.com>

There was an article in QST or another mag in the last two years on how to do this.

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On Sat, 29 Aug 1998 21:44:21 -0400 "Preston Buck" <pbuck@infoblvd.net> writes:

>Greetings all, The simplest generator I have seen for producing 12v power is taking a lawn mower engine with a pulley on the shaft connected by belt to a car

>alternator.

>73, Preston, n0glm, Southern NY state, FN12

>
>
>
>

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Date: Sun, 30 Aug 1998 09:45:12 -0700
From: w4bws@juno.com (Donald E Sanders)
To: rmccarty@earthlink.net
Cc: qrp-1@Lehigh.EDU
Subject: [18917] Re: Are You a REAL Qrp Operator?
Message-ID: <19980830.103108.12078.0.W4BWS@juno.com>

OK, who is going to post the pictures of their operating innertube mobile from the pool or lake with the QRP rig and Hamstick. Now that's "ruffing it".

Donald E. Sanders W4BWS
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My favorite QRP rig glows in the dark

On Sat, 29 Aug 1998 01:24:55 -0700 "Roger A. McCarty"
<rmccarty@earthlink.net> writes:

>

>This is an interesting discussion. Many operate Qrp for reasons not purely motivated by the challenge of low power but rather, as a requisite of camping/hiking, or simply for the thrill of operating home-brew equipment which generally by default is..., Low
>Power.

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Date: Sun, 30 Aug 1998 10:00:34 -0700
From: w4bws@juno.com (Donald E Sanders)
To: danr@izzy.net
Cc: qrp-1@Lehigh.EDU
Subject: [18918] Re: Organic power: BayGen technology
Message-ID: <19980830.103108.12078.3.W4BWS@juno.com>

Back during the "Big WAR" there was a "Gibson Girl" transmitter for life rafts and also a ground use generator that had two hand cranks on it to generate power for the GR9 series radios. Fair Radio used to have these generators but they are probably gone by now. Garrrrssssh, how I hate to date myself, was it really that long ago?.

Donald E. Sanders W4BWS
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E-mail to w4bws@juno.com
My favorite QRP rig glows in the dark

On Sat, 29 Aug 1998 12:43:15 -0400 "Dan Romanchik" <danr@izzy.net>
writes:

>That got me thinking. Is anyone out there using a BayGen-type power
>source? Is such a thing possible? Is there a web site somewhere that
>explains how they generate the voltage? Is the generator scalable,
>i.e. can a bigger, higher power version be made easily? Enquiring minds

>want to know.

>

>72, Dan KB6NU

>=====

> Dan Romanchik

> Freelance Writer and Web Site Designer

> phone and fax: 734-930-6564

> email: d.romanchik@ieee.org, web: <http://qtb.com/danr/>

>=====

>

>

>

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 30 Aug 1998 22:47:13 -0400
From: Paul Helbert <phelbert@rica.net>
To: vole@primenet.com, Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [18919] Bubba log
Message-ID: <35EA0EB1.30FC800A@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wv3j 30 August 1998 Bubba Sprint Log

UTC	Stn	RST	ST	Name	F	freq	notes
18:39	n4bp	559	FL	Bob	98	14.---	
18:48	wb0wqs	579	M0	Kelly	97	14.057	

19:00	kb0pte	559	MO	Wayne	75	14.058
19:17	w0rsp	579	SD	Ade	80	14.059 (drifting lower)
19:27	w0lk	559	AL	Bob	75	14.058 (off back of antenna)
19:35	n5tw	559	TX	Bill	99	21.054
19:52	NQ7RP	559	AZ	Brian	75	21.062
20:15	wa8ghz	559	TX	Jack	95	21.061
20:36	ab0go	559	CO	Dave	70	14.058
20:54	ki0af	559	IA	Mike	92	14.057
20:59	k0evz	559	MN	Doc	78	14.057
21:36	nq7x	559	AZ	Floyd	88	14.059 (RST=439)
21:50	wb5icq	55n	TX	Ted	77	21.061
21:59	n0ur	599	NM	Jim	73	14.060

Score claimed: 14 qso's x 11 sections x 94 degrees + 10000 bonus=24,476
 (Indoor station running 5 watts from the Shenandoah Valley of Virginia.)
 Thanks to all the organizers and fellow players.

Paul, Wv3j

 Date: Sun, 30 Aug 1998 22:55:41 -0400
 From: Tracy@bytemark.com (Tracy)
 To: "QRP-L" <qrp-l@Lehigh.EDU>
 Subject: [18920] Homebrew Computer Radio Project
 Message-ID: <000101bdd48a\$d7044ac0\$ca241ad1@titan>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

Well, I've put up the first few pages about my computer radio project. You can find them at
<http://www.bytemark.com/projects/pcradiotop.html>

I will be including schematics and block diagrams as I perfect using my drawing program. I intend to make this site quite robust with a great deal of information and pictures, so it should get fairly large over the next few months. I got a damaged digital camera that I've been able to adapt for close-up shots ...

Notice the ByteMark url. I've talked the folks here into letting me put up as many projects as I'd like, providing they are of good quality, reproducible design and are displayed in a quality manner. They won't let me link it in from the busy parts of the site until there is substantial content in the projects site.

So, if you have a project that you'd like to share with ByteMark and I don't know how many people I can get to look at the site, and you have a fair grip on HTML authoring, then feel free to email me your project. I can't make your project into a web page, but if you do I'll post it and edit it to conform to ByteMark's 'standard.'

For now it's standalone, available to the world but linked from nowhere ... and you guys are the only ones I've given the URL to!

Tracy Markham, N4LGH
QRP-L #1453
tracy@bytemark.com

Date: Sun, 30 Aug 1998 19:57:45 +0000
From: Bob Hightower <ki7mn@dancris.com>
To: tahrens@inetport.com
Cc: qrp-l@lehigh.edu
Subject: [18921] Re: Bubba - I was bad :-(
Message-ID: <199808310251.TAA06509@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:21 PM 8/30/98 -0500, you wrote:

>Hi Folks... I have to confess that I probably broke just about every
>QRP rule in the book for the contest today...

>

- >1. I forgot about the contest.
- >2. I used the IC-706 for the rig (at 5w). Is that QROp or QRPo?
- >3. I used the TH7DXX on 20 & 15.
- >4. I used the phased arrays on 40.
- >5. I sat under the AC at 75 degs.

>

Who cares, Tim? I used the Argonaut II into the D-4 Rotatable Dipole, which I put up this morning in the hear, so decided to work indoors. Need all the advantage I can get, and have practiced enough in the heat to know I would rather be cool. You're in my log, so that's what counts! Thanks for the contact.

Bob Hightower KI7MN <http://www.dancris.com/~ki7mn>

Date: Sun, 30 Aug 1998 20:52:05 -0600
From: jaywa5whn@juno.com (Jay D Miller)

To: qrp-1@Lehigh.EDU
Cc: vole@primenet.com
Subject: [18922] Bubba '98
Message-ID: <19980830.205226.2854.0.JayWA5WHN@juno.com>

WOW !! Fun. We had started late.

W5BI & I had hiked 5+ miles {one way} up into the Sandia Mountains Wilderness {grid square: DM65sf, elevation: 8,567 feet asl, west slope}. We had stopped at a cold mountain spring and had used our water purifiers, to top off the water bottles. We arrive at our "Bubba '98" site. We launch Gary - W5BI's 40 meter antenna into the pine trees. Other than static crashes, and a few qso's at the low end, we don't hear a single person in the contest. Gary is using the GM-40 {NN1G design}, which we had checked out by bringing up the HF remote on the W5BI/rptr. 20+ miles away, no problem. 40 is dead. We switch to 20 meters cw {Gusher antenna, N2CX design, fed with a Sierra, N6KR design}. Gary returns to the GM-40 to see if he can copy anyone. A sudden crash and thud, Gary comes running. Evidently, the branch in the pine tree that I had launched the Gusher 20 antenna into, was not stable. It had fallen straight down. We launch the Gusher-20 into small pinon tree. Vola, 20 meters is open, loaded with Texans {N5TW, WD5ICQ, KJ5VW, W5FN, KG5U, K10J} , and WB5QYT, WE6W & KN6YD. I had heard W0RSP, N4BP, KS4L, HP1AC but they did not copy my 900 milli-watts {measured with a WM-2}. :- (Whew, this is going to be a tough one. KB0PTE had copied me, with rapid qsb & he had missed my exchange. 20 meters was changing that fast. I had copied your exchange Wayne.

BTW, WE6W, Ed great 90 degree phase delay on your tone {echo}. Keep that tone for the Halloween Zombie contest. I was listening below 14.050 MHz for QRP Contesters, but did not hear copy anyone. Let's spread out during the next contest.

After the contest, we had started our descent {temperature was up to 101 deg. F @ 5,000 ft asl}. We had come across a diamond back rattler, who was coiled in our path. We had gingerly climbed the rocks around this reptile to avoid it's strike zone. The humming birds had kept checking us out. One was a few inches from my face. A true qrp bird. Lots of hang gliders flying off Sandia Crest {10,600 ft asl}. A USAF C-141 had rattled us, low pass over the mountain. The panoramic view to the west was worth the trip. The weather was clear with thunderboomers ~80 miles to the north & ~40 miles to the south of us.

I am very happy, my back pack was down under 35 lbs., visibility @ 8,500+ ft. asl was over 80 miles, to the west.

My personal thanks to AB7TT & the AZ scQRPions for hosting this event. Also, to all of you for making this a lot of fun.

What's next? Labor Day QRP Sprints?

72...Jay, WA5WHN DM65qd

AlbuQRPque, NM USA

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Date: Sun, 30 Aug 1998 20:04:58 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@Lehigh.EDU>
Subject: [18923] NQ7RP BUBBA Results
Message-ID: <35EA12DA.DA39B128@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

Here's the final Tally for NQ7RP:

Total QSO's: 82

Highest Temp received: 109 F from Joe, AB7TT (The father of BUBBA!)

Lowest Temp received: 66 from Jim, AL7FS in AK (Go figure)

Total unique SPC's: 30

Total SPC's unique per band: 46

QSO's:

10M: 3

15M: 29

20M: 50

It totally blew my mind, that although I listened many times,
and sent CQ's out on 7040, I never heard a *SINGLE* 40M BUBBA station!
Consequently, I missed all of the close in folks like NM and NV.

Bob Patten, N4BP and I moved over to 10M, and then 15M from 20M
so that in 2 short minutes Bob was able to bag 30,000 points!
Bob was the only station, outside AZ, that made it on all 3 bands.
There were several others who were worked on 20M and 15M.

Folks, there is a moral here. Check out the higher bands! I heard
several 10M beacons before, during, and after the event. I would have
been overjoyed to have had more QSO's on 10M.
I'm sure that I could have worked several more stations on 15M that
I had already worked on 20M.
Give that dial a spin up into the nether worlds of 15M and 10M.

In summary, thanks to all of you for being the fine operators that
you are. I had a BLAST! Now let me get out that map of our FYBO
location last year.....

--
Brian Kassel W5VB0
ARCI # 3623
Phoenix AZ ScQRPions

Date: Sun, 30 Aug 1998 20:11:49
From: "M. Monninger" <markem@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [18924] FS: NorCal Paddle Kit (Unbuilt)
Message-ID: <3.0.5.32.19980830201149.0096b5d0@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings all...

While re-arranging our radio/computer/office room I came upon my unbuilt
NorCal Paddle Kit and realized that I will probably not finish it anytime
soon. So, I'm offering it to the list for \$30, shipped CONUS. I think
that's about what they went for...if it was less, let me know. I started on
the base but did not make much progress. The baggie with the other parts
was opened and the parts inventoried...they're all there...but no work was
done on them. This is one of the first run kits with the wide spacing. So,
if you missed out on this kit and still want one, lemme know...

73... Mark AA7TA markem@primenet.com

Date: Sun, 30 Aug 1998 23:18:08 -0400
From: VE3JC - John C <jbcumming@wwdc.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [18925] Bubba-bike
Message-ID: <35EA15F0.235E2BD4@wwdc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Could only manage to free an hour this afternoon for BUBBA, so I decided to combine it with a bike ride (never tried the bicycle mobile during a contest before) QRP-PLUS (at 5W) to Outbacker Perth
Managed to get 4 qso's: W0RSP and N0UR on 20, N5TW and NQ7RP on 15.
About 12,300 points (thanks to the bonus!)

Great fun! [BTW I will NOT be attempting this for FYB0 :^)]

VE3JC - JOHN CUMMING
192 WELLINGTON ST. DELAWARE, ON CANADA, N0L 1E0
<http://www.geocities.com/CapeCanaveral/Lab/7378/>

Date: Sun, 30 Aug 1998 23:35:35 -0500 (CDT)
From: aweiss@usd.edu (A. Weiss)
To: qrp-1@Lehigh.EDU
Subject: [18926] RE: Using big rigs
Message-ID: <199808310435.XAA27657@sunburst.usd.edu>

OK gang -- the size of the rig has nothing to do with being QRP or not!

The fact that an operator uses a big rig tweaked down to 5w qualifies that as a QRP signal and a 2-way QRP contact. The definition of QRP says nothing about what kind of rig is to be used to generate the 5w or less output.

So, I agree with John VE3JC -- let's not try to sort out the "real" QRP'rs from the "pseudo" QRP'rs. There simply is no point to this kind of argument.

I also agree with Bruce M. that there is no rule that prohibits someone with a big rig from using it al QRO levels when and if needed or desired. The old 100-watt QRP ARCI required an "oath" never to run over 100-w power. What's the point? Who will prove that a violator did? Who can?

Who cares?

Those who wish to pursue the point should be aware of one drawback -- by demanding that others who do not live up to your expectations not be included in your definition of QRP, you are actually isolating yourself from the QRP movement.

You end up on the outside.

The rest of us are in here smiling at each other and saying QRP is great!

73, Ade W0RSP

Date: Sun, 30 Aug 1998 22:40:27 -0600
From: Tim Pettibone <tpettibo@NMSU.Edu>
To: bkassel@dancris.com
Cc: qrp-l@Lehigh.EDU
Subject: [18927] Re: NQ7RP BUBBA Results
Message-ID: <1.5.4.32.19980831044027.0066d510@cnmailsvr.nmsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Brian:

I listened several times (even called CQ) on 7040 but nothing but noise. Sorry I missed you - sure could have used the bonus points. Summary for 20m: 12 Qs, 6 SPCs, 5W, outdoor op, and 93F with low humidity = $12 \times 6 \times 1 \times 2 \times 93 = 13,392$. Thanks to all I worked.

Tim K5OI
Las Cruces, NM

Date: Sun, 30 Aug 1998 23:45:46 -0500 (CDT)
From: aweiss@usd.edu (A. Weiss)
To: qrp-l@Lehigh.EDU
Subject: [18928] BUBBA

Message-ID: <199808310445.XAA28439@sunburst.usd.edu>

BUBBA turned out pretty exciting here. I alternated between gasing the gophers in the yard with a hose from my 1966 Tempest with 146K miles on it and working BUBBA. Used my ancient Viking 3x5 -- fantastic little rig although didn't have the VFO shield screws in it so drifted a bit!

Worked 32 on 20 -- ended up with Jim AL7FS who was so weak I couldn't believe I could copy him -- did so mostly in one QSB peak, and then it took a while to get the call right -- tn timer for the effort Jim!

Slipped doewnd to 40 and worked KQ0I and N0UR with my Altoids at 1w.

Tnx to all for the QSO's -- sure was fun!

Cu you all in the next sprint --- then it'll be FOX time again, eh?

73, Ade W0RSP

Date: Mon, 31 Aug 1998 00:46:51 -0400
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>, <ki7mn@dancris.com>
Subject: [18929] KI7MN de N2T0, BUBBA
Message-ID: <199808310451.AAA51202@pimout2-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Bob and gang,

Bob that was me (N2T0). Worked from Vic's Cannonball Park. That's the park where Vic placed his tongue on this HUGE cannon and got stuck 50 years ago. I love that story.

72 Kevin N2T0
Brooklyn, NYC
kfglynn@prodigy.net

Date: Sun, 30 Aug 1998 23:54:58 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: aweiss@usd.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [18930] Re: Using big rigs
Message-ID: <35EA2CA2.6E61BB36@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ade's opening line puts me in mind of at least one other social activity in which the size of the equipment is unrelated to the efficacy of the participation.

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting! 33.2 N 96.6 W EM13RE
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403 ICQ #16819496
AutoPOWER Systems, Fairview, TX (30 Mi. NE of Dallas) 10-X #11771

A. Weiss wrote:

>

> OK gang -- the size of the rig has nothing to do with being QRP or not!

Date: Mon, 31 Aug 1998 00:02:14 -0500
From: "Randy Jouett" <nop@swbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [18931] RE: BUBBA
Message-ID: <03ba01bdd49c\$85945740\$210aa8c0@aldebran>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Randy Jouett <nop@swbell.net>
To: aweiss@usd.edu <aweiss@usd.edu>
Date: Sunday, August 30, 1998 11:59 PM
Subject: Re: BUBBA

-----Original Message-----

From: A. Weiss <aweiss@usd.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Sunday, August 30, 1998 11:47 PM
Subject: BUBBA

>BUBBA turned out pretty exciting here. I alternated between gasing the
gophers
>in the yard with a hose from my 1966 Tempest with 146K miles on it and
>working BUBBA. Used my ancient Viking 3x5 -- fantastic little rig although
didn't
>have the VFO shield screws in it so drifted a bit!

Hello Ade,

Do you know if the have any qrp contests focused around antique or classic
qrp gear? I think that wud be kinda' neat. Anyone?

Randy AB5NI
nop@swbell.net

Date: Mon, 31 Aug 1998 01:07:16 EDT
From: KG2IM@aol.com
To: qrp-1@Lehigh.EDU
Subject: [18932] FS: HW-7, P.S., Manual
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I have a HW-7 with matching power supply and manual that is in excess to my
needs.

I will sell the rig for \$90 or best offer.

Please contact KG2IM@aol.com

Tnx es 72, 73 John

Date: Mon, 31 Aug 1998 00:16:39 -0500
From: mfitz@uswest.net
To: qrp-1@Lehigh.EDU
Subject: [18933] BUBBA BLAST
Message-ID: <35EA31B7.2B439056@pop.omah.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Gentlemen, my Bubba experience was great. Set-up at old family farmstead 5 mi N. of Missouri Valley, IA. Had commanding view of Missouri river bottoms from top of hill. Put up 20 M. loop running SW to NE (that's why you heard me Jim up there in AL) in a red elm about 50 ft fed with twinlead to 4:1 balun thru LDG QRP autotuner to OHR 400. Only ran on 20 at about 2.5 W. Made 29 contacts including HP1AC at the very end. Signals were really up and down. VE2KN pounding in, also WA8RXI very strong, among several others. Beautiful day, good operators, passable conditions on 20. Many thanks, friends. Catch you next QRP contest, for sure. MIKE KI0AF MISSOURI VALLEY IA

Date: Mon, 31 Aug 1998 03:32:11 EDT
From: w4pj@w4bkx.ampr.org
To: qrp-l@Lehigh.EDU
Subject: [18934] Way to go Joel WA1QVM/AE !
Message-ID: <19430@w4bkx.ampr.org>

Awl-rite! Feels great, don't it? See-ya down on the bottom.
Kinda gives the term 'bottom-feeder' a different (positive) twist.

de Scott / W4PJ Ft. Lauderdale, FL <EL96vd> #1585 (Pres. SFDXA)
----- 73 -----

Date: Mon, 31 Aug 1998 09:35:57 +0200
From: Paolo Sassoli <Paolo.Sassoli@italtel.it>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18935] Norcal projects
Message-ID: <35EA525D.F89010D4@iii1sh01.settimo.italtel.it>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi to all.
I'm not sure I understood well:
will Norcal (or someone for them) continue selling the old projects or not?

In the Norcal 20 announcement mail it was also written:
"NorCal will no longer produce unlimited kits";

can anyone explain me what does it really mean?

By the way, it seems that the Norcal 20 has been a real success, I and a friend of mine had the intention of ordering two of them but couldn't think that coming back from holidays in the middle of August all the 500 kits would have been sold (did any european ham succeed in getting one?).

I don't know for other european country but for us here in Italy it's absolutely cheaper make orders directly in dollars than in British pounds, but that means longer time to send mail; probably we couldn't get in time even if we were ready the 1st of August.

Thanks to all.

72 de Paolo IK2LNH

Date: Mon, 31 Aug 1998 10:03:04 +0200
From: "Juan A. Bertolin" <ea5xq@qsl.net>
To: "QRP - LIST ADDRESS" <qrp-1@Lehigh.EDU>
Subject: [18936] Information about sending items from USA to Spain
Message-ID: <199808310808.KAA10776@smtp.bankinter.es>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi,

I need some help in this issue. I have bought a set of radio items to SURPLUS of NEBRASKA (\$95) and they have told me that the best way to send it is via UPS but it costs \$57. From my point of view it is too expensive in relation with the amount of the items. They told me that via Parcel Post is high risk.

Anyone knows how to send the package via PARCEL POST with less risk (any kind of special feature of PARCEL POST)? Here in Spain there is a way to send something outside with the fact that if the package is lost you can claim for it and receive an insurance even though it costs a little bit more than Parcel Post ordinary is less that UPS.

Any help will be appreciated. Thanks a lot.

=====
=====

EA5XQ, QRA:Juan, QTH:Almazora, LOC:IM99XW
FT901DM, MFJ1796,V inv. 40,80m.
HOWES (80m,40m,30m,20m) TX2000-DXR20 5w
G-QRP #9805 QRP-L #1461

Web Site: <http://www.qsl.net/ea5xq>

When I picture a perfect reader, I always picture a
monster of courage and curiosity, also something
supple, cunning, cautious, a born adventurer and
discoverer...

-- Friedreich Nietzsche--
=====

Date: Mon, 31 Aug 1998 02:15:17 -0600
From: "Jerry McCollom" <jmc@cnd.hp.com>
To: <Paolo.Sassoli@italtel.it>, "'Low Power Amateur Radio Discussion'" <qrp-
l@Lehigh.EDU>
Subject: [18937] RE: Norcal projects
Message-ID: <000201bdd4b7\$7d90fec0\$38620f0f@fcjmcp.fc.hp.com>
Mime-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Paolo,

> In the Norcal 20 announcement mail it was also written:
> "NorCal will no longer produce unlimited kits";
>
> can anyone explain me what does it really mean?

My interpretation was that, unlike past kits, they were only going to do one
run of kits from now on. Contrast this with other kits offered in the past
that had multiple runs based on demand.

I'm sure others can elaborate further, but this is my understanding.

73,

Jerry
WOMC

Date: Mon, 31 Aug 1998 11:25:37 +0200
From: "Eim Mulder" <mulder@server4.nfra.nl>
To: skipnc9o@aol.com
Cc: QRP-L@Lehigh.EDU
Subject: [18938] Re: Pixie also for DSB? (3)
Message-ID: <s5ea8842.036@server4.nfra.nl>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

HalLo Skip,

Yes I got Your file And I have already printed it out on paper.
It looks to be a good design so there be a good chance that I'll try to =
rebuild the thing.

I would like to know i which magazine you have found the schematic or =
where i can find the original article.

I myself am also a member of the Benelux QRP club (BQC) and if you or =
someone else are interessted, I'll send you some info, schematic's or =
otherstuff.

73,s tell now

Eim

Eim mulder

mulder@nfra.nl

Date: Mon, 31 Aug 1998 10:38:45 -0400
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
To: qrp-l@Lehigh.EDU
Subject: [18939] Re: Solar info
Message-ID: <3.0.16.19980831093923.08874db6@som-uky.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

NA5N wrote a while back -

>BETA structure means magnetic field lines are leaving one sun spot
>and re-entering another (that is, a N and S pole field above the
>surface). A DK0 region means:
> D - Bipolar field, penumbra visible around the spots of both polarities
> K - The penumbra is asymmetric with a diameter > 2.5 degrees
> O - The area between the spots where the magnetic field lines run
> is "open" or empty. That is, there are no sun spots in between
...and so on.

Great information Paul, thanks.
Solar Phenomenon of the Active Sun - Part 3?

For those of you interested, Paul wrote a superb 2 part article
on solar phenomena that appeared in the Jan and Apr 1998
QRP Quarterly.

<http://www.qrparci.org>

...Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH / KB4NPI Web - <http://www.qsl.net/ka8okh>

Date: Sun, 30 Aug 1998 14:20:20 -0500
From: nilsbull@juno.com (Nils R Young)
To: ARDUJENSKI@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [18940] Re: QRP VS RELIGION
Message-ID: <19980831.061419.9030.5.nilsbull@juno.com>

Like Eric Cartman says "Poor people tend to live in clusters."

73
Nils

Nils R. Bull Young
La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch
WB8IJN &c :: The Tagalong Press :: email to: nilsbull@juno.com
<http://www.geocities.com/Athens/Olympus/9172>

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 31 Aug 1998 06:13:31 -0500
From: nilsbull@juno.com (Nils R Young)
To: QRP-L@Lehigh.EDU
Subject: [18941] Eh? What, no Inet QRP Club server?
Message-ID: <19980831.061419.9030.7.nilsbull@juno.com>

Gang,

Is it me, or do I have the wrong URL? I've been trying to visit the Inet QRP Club (QRP-L) homepage for about a week. Every time I get that "server may be down or too busy" message.

Did I make it angry?

73
Nils

Nils R. Bull Young
La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch
WB8IJN &c :: The Tagalong Press :: email to: nilsbull@juno.com
<http://www.geocities.com/Athens/Olympus/9172>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 31 Aug 1998 07:09:26 EDT
From: DaveLeDuc@aol.com
To: qrp-l@Lehigh.EDU
Subject: [18942] FS: HW9
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I have a HW-9 with WARC bands installed. This is one of the nicest HW9's I've seen.

It is in excellent condition both physically and electrically.

\$275 plus shipping from 03858

73 Dave K1EPJ

Date: Mon, 31 Aug 1998 12:16:59 GMT
From: nhoop@centuryinter.net (N H)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [18943] Century 22 for Sale
Message-ID: <35eb929d.1467913@mail.ot.centuryinter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Selling my Century 22. Totally stock and near mint condition. With manual and power cord (12v). \$ 265 + ship'g.

I bought this a month or so ago from Brian <K3USC> and have been using it QRP CW (or is it CW QRP?) since, feeding a long wire via a small tuner. The rst's say the tone is good.

72 Nat KM5QU
Oxford AR
QRP-L #1665

Date: Mon, 31 Aug 1998 22:30:10 +1000
From: Luke Enriquez <lenr1@students.latrobe.edu.au>
To: qrp-1@Lehigh.EDU
Subject: [18944] Is anyone out there experimenting with a surface mount RIG
Message-ID: <3.0.32.19980831222946.007bac90@students.latrobe.edu.au>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

G'day,

Everyone has their interests, mine happens to be surface mount. I've always dreamed of building a Sierra or similar multi-band multi-function rig using surface mount technology. My motivation is to use surface mount whilst my eyes are young and fresh (I'm 24 y.o.). So is anybody experimenting

with surface mount, or has anyone copied a known working design (ie : Sierra) and rebuilt it entirely from surface mount. If not, is anyone interested?

Regards,
Luke

Date: Mon, 31 Aug 1998 08:36:54 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@Lehigh.EDU
Subject: [18945] stealth long wire antennas
Message-ID: <3.0.5.32.19980831083654.0080e100@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ok, I have come to conclusion that if I am to have the best of both worlds, its gonna cost me a few pennies.
So, being that I would like to have the option of running qrp as well as qro (dont' start throwing sharp objects cause am in the Code buddy program and making the contact and keeping it is more important in this case). Ok, qrp is possible, but that is here nor there. I know what I need to get the job done, but the antenna is needing some thought. I would like to run a long wire. Now it will have to run from the shack, in to the attic, and out the hole where the condenser lines etc. go for the heat pump. Now this is just an idea so if someone thinks it wouldn't be the best route then lets hear your ideas. I am going to try and run this wire out to the trees behind my house. The trees just won't support a dipole thus the idea of the wire. Need to know what wire would be best and how to make it as stealthy as possible.

Also, for the rear times I may run qro, need to know what is considered reasonably safe so as not to fry myself, the family, and well ok the neighbor, but mainly don't want to burn the joint down.hahaha
I would love to move, but this wouldn't do it. Sure would be nice if it did though. Claim a yearly winter cleanning thus the moving truck. Oh, really Mr./Ms. insurance adjuster. Wasn't planned<grin>. I'd be laughing so would give it away.

Ok, so as to not clutter the list unless you think others may enjoy the thread you can send mail to me at whowell@mail.hq.nasa.gov.
tia to all es 72/73 de n3byy

Date: Mon, 31 Aug 1998 13:02:15 +0000
From: Charles Olson <jacksonharbor@worldnet.att.net>
To: qrp-l@Lehigh.EDU

Subject: [18946] Island Keyer version 151 update chip now available
Message-ID: <19980831130215.LHRL15816@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Jackson Harbor Press announces the Island Keyer version 151 update.
6 new features have been added to the Island Keyer chip:

- FB sent through sidetone at powerup
- message play can be ended from paddles
- new handling of unrecordable characters
- addition of KN character as recordable
- sidetone set now wraps around at high and low tone limits
- embedded pause added to allow manual sending during message play

Introductory offer: until 9/30/98 the update chip price for present
Island Keyer owners will be \$5.00 postpaid for USA customers (price
is \$7.00 for DX customers).

For more information please check the Jackson Harbor Press web site at:

<http://home.att.net/~jacksonharbor/ham.htm>

or email to:

jacksonharbor@worldnet.att.net

Best Regards,

Chuck

Chuck Olson
WB9KZY
Jackson Harbor Press
Ham Radio Kits and more!
Washington Island, WI
jacksonharbor@worldnet.att.net
<http://home.att.net/~jacksonharbor>

Date: Mon, 31 Aug 1998 09:43:07 -0400
From: Michael Neverdosky <MichaelN@cycat.com>
To: qrp-l mailing list <qrp-l@Lehigh.EDU>
Subject: [18947] I'm no Bubba :-(
Message-ID: <35EAA86B.2310E76E@cycat.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I dove into my TS-130S finding the high voltage output from the PS.
Did a quick look into the rig and hooked everything back up.

Rig now sounds good, and there is a little over an hour of Bubba left.

Check 10m, nothing; check 15m, no go, check 20m, AH lots of signals.
Grab the pad and pen, reach for the key,
KABOOOMMMMMMMM!!!!!!!!!!!!!!!!!!!!
Oops, thunderstorms are here, quick, turn everything off and disconnect.

Another busted bubba.
There is always next year.

michael N6CHV

Date: Mon, 31 Aug 1998 10:18:19 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU, nwq-1@scn.org
Subject: [18948] NWQRP NERDS CONTEST 12 SEPT
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

HEY FOLKS,
You wanted a great equalizer in contests...well here it is. The NWQRP CLUB
NERDS CONTEST on 12 Sept. You construct your antenna in the field only one hour
before the contest and you have limited materials you can use.
DATE: 12 SEPT
TIME: 1800-2400
BANDS: (Standard NO WARC)
MATERIALS: 200 ft wire, 300 ft rope(etc), 100ft feed (coax, twin, etc)
CW QRP or QRPP only

For more details see Bill's (N7MFB) site:

<http://www.willapabay.org/~bill/page19.html>

Alan KB7MBI

Date: Mon, 31 Aug 1998 10:33:09 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-1@Lehigh.EDU
Subject: [18949] Re: Xtal filter for DC receiver - legit?
Message-ID: <35EAB425.69A0@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A low loss crystal filter can certainly improve the dynamic range of a crystal controlled receiver. I've built crystal filters with 1 dB of loss--but you still need additional filtering to eliminate overtone responses. I've always been a little leery of shattering such a filter with big signals --Zack W1VT Hartford County CT

Date: Mon, 31 Aug 1998 07:41:28 -0700
From: David Shalita <af389@lafn.org>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Cc: "Ham-Homebrew@ucsd.edu" <Ham-Homebrew@ucsd.edu>
Subject: [18950] 3SK datasheets
Message-ID: <35EAB618.1FACB98D@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,
This message is directed to the person who offered to search his companies "Large Database" for 3SK74, 121,122, and 3SK174 transistor datasheet info, and then offered to mail datasheets to my home address. Sorry to say, the much needed data did not ever arrive here. I am still happy to pay copying and postage costs as you requested.

73, W6MIK

--
David Shalita (Dave)
af389@lafn.org
Van Nuys, CA

Date: Mon, 31 Aug 1998 10:49:55 EDT
From: Wb4jjj@aol.com
To: qrp-1@Lehigh.EDU
Subject: [18951] Small Wonder Labs GM-20
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Finished up my GM-20 board in time for the Bubba Sprint this past weekend. I chose this rig based on K5FO's review in QRPp a while back. It is everything Chuck said in his review.

I installed the finished board in a black anodized Larsen instrument case that I obtained from Dave Benson at SWL. This extruded aluminum case is slightly larger than the one shown in the GM-20 writeup on his website, and allows installation of the RIT option. I cased it in along with a Freq-Mite audio frequency annunciator, and a Tick keyer. It looks good. Of course, the case is undrilled, so you get to design your own front and rear panel layouts.

It plays even better than it looks, as I found out in the Bubba Sprint. Running 2.5 watts out, I worked as far west as Utah, and South Dakota (Ade, WØRSP) and of course worked the usual Texas/Missouri/Iowa crowd. Actually, I worked everything I heard, which is not always possible with a QRP rig at this power output. Yeah, I used a wire antenna.

Comments on the sound of the rig have been numerous. One old-timer (before he knew what I was running) said it was rare in his 45 years of hamming to hear a rig as stable and with as sweet a CW note as this one. Building it is a considerable step up from the Elmer 101 SW-40+, but it's not that hard, just lots of toroids and some parts that you may not have seen before (clear plastic caps and an MMIC for me).

This will be my Field Day rig in 1999 along with the SW-40+. Should be a terror. I recommend this one highly. Hope to meet Dave Benson in person one day to thank him for his efforts on this ham's behalf. And K5FO, for his review. Incidentally, Chuck waxed eloquent about a certain RS cube speaker in his GM-20 review, but said it was pricey. I picked one up last month on one of those RS sellout things for \$5.00!

Alan A. Wheeler, WB4JJJ
Fairfax, Virginia

Date: Mon, 31 Aug 1998 10:01:20 -0500
From: "Jeff M. Gold" <JGold@tntech.edu>

To: QRP-L #98 <qrp-l@Lehigh.EDU>
Subject: [18952] HW9 for sale
Message-ID: <01be01bdd4f0\$369f6fe0\$4d0b9595@Jeffro.cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

I have a HW9, aligned, working on all bands including WARC. Have S&S programmable frequency counter in separate factory case, can include small Oak Hills keyer in case. Looking for mobile set up, will sell or willing to trade for HF mobile gear.

Some scratches, not bad at all.. but have to report them, front panel lettering and such is very very good.

72
Jeff, AC4HF

Date: Mon, 31 Aug 1998 08:13:13 -0700
From: Pierre Constantineau <pierre@cmpe.ubc.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, homebrew@qth.net
Subject: [18953] RCA connectors as RF connectors?
Message-ID: <35EABD89.AE3547F6@cmpe.ubc.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Everyone,

I plan to built a spectrum analyser based on the august/setpember 98 QST articles.

I would like to know how good or how bad are the RCA connectors.
I plan to use them between the different modules.

RF from 10 to 110 Mhz
RCA connectors with small 50 ohm coaxial cable.

I could use BNC connectors but I would have to buy quite a number and they are quite expensive (Compared to RCA!)

Thanks
--

'''


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-----o000--( _ )--000o-----
Pierre Constantineau B.Eng      Email: pierre@cmpe.ubc.ca
M. Applied Sciences Candidate   Phone: (604) 822-2913
Flash Smelting Group           Fax:   (604) 822-4750
Centre For Metallurgical       111-2355 East Mall
Process Engineering            Vancouver, BC, Canada
U. of British Columbia .ooo0   V6T 1Z4
http://noname.cmpe.ubc.ca ( )   Oooo.  Amateur Radio: VE7JPC
-----\ (----( )-----
              \_ ) /
              ( _/

```

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Date: Mon, 31 Aug 1998 10:19:09 -0500
From: "Randy Moore" <wr.moore@worldnet.att.net>
To: <ARDUJENSKI@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [18954] RE: NWQRP NERDS CONTEST 12 SEPT
Message-ID: <000801bdd4f2$b3b50100$ac26430c@deputy-dog>
MIME-Version: 1.0
Content-Type: text/plain;
      charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

```

A couple of questions:

- On the Web site it says the contest is Sunday, Sept 12.
My calendar says Sunday is Sept. 13. Sat. or Sun?
- Are all wire connections required to be made on-site?
Or is it permitted to do some soldering ahead of time?

Tnx es 72,
Randy, KS4L

```

-----
Date: Mon, 31 Aug 1998 10:44:28 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <pierre@cmpe.ubc.ca>
Cc: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [18955] RE: RCA connectors as RF connectors?
Message-ID: <19980831154432871.AAA276@muenzlerk>

```

RCA connectors work OK as long as the connection is not going

to be stressed or moved in any way. I wouldn't use them on the end of a test probe cable. BNC is much better suited for this because of the mechanical stability of the connection. They would be just fine for internal connections between modules.

Kevin, WB5RUE
wb5rue@stic.net <http://www.qsl.net/wb5rue>

```
> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Pierre Constantineau
> Sent: Monday, August 31, 1998 10:13 AM
> To: Low Power Amateur Radio Discussion
> Subject: RCA connectors as RF connectors?
>
>
> Hi Everyone,
>
> I plan to built a spectrum analyser based on the
> august/setpember 98 QST
> articles.
>
> I would like to know how good or how bad are the RCA connectors.
> I plan to use them between the different modules.
>
> RF from 10 to 110 Mhz
> RCA connectors with small 50 ohm coaxial cable.
>
> I could use BNC connectors but I would have to buy quite a
> number and they are
> quite expensive (Compared to RCA!)
>
> Thanks
> --
>
>                /' ^ '\
>               ( o o )
> -----o000--( )--000o-----
>  Pierre Constantineau  B.Eng           Email: pierre@cmpe.ubc.ca
>  M. Applied Sciences Candidate         Phone: (604) 822-2913
>  Flash Smelting Group                 Fax:   (604) 822-4750
>  Centre For Metallurgical             111-2355 East Mall
>  Process Engineering                  Vancouver, BC, Canada
>  U. of British Columbia   .oooO       V6T 1Z4
>  http://noname.cmpe.ubc.ca ( )   Oooo.  Amateur Radio: VE7JPC
> -----\ (----( )-----
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> _)) /
> (/
>
>

Date: Mon, 31 Aug 1998 08:54:03 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Pierre Constantineau <pierre@cmpe.ubc.ca>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, homebrew@qth.net
Subject: [18956] Re: [HomeBrew] RCA connectors as RF connectors?
Message-ID: <Pine.BSI.3.96.980831085144.12931A-100000@usr09.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 31 Aug 1998, Pierre Constantineau wrote:

> Hi Everyone,
>
> I plan to build a spectrum analyser based on the august/setpember 98 QST
> articles.
>
> I would like to know how good or how bad are the RCA connectors.
> I plan to use them between the different modules.
>
> RF from 10 to 110 Mhz
> RCA connectors with small 50 ohm coaxial cable.
>

For this frequency range the RCA connector is fairly good, but
I would never consider it for serious RF work. I might put a pair
together and test on the HP8753 here at work, just out of curiosity.

What's all this
extinct stuff, anyhow?
oo\
()\
\\ \\ . .
\\ \\ \"

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,

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QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Mon, 31 Aug 1998 12:17:28 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@Lehigh.EDU>
Subject: [18957] Bubba's
Message-ID: <Pine.GS0.3.96.980831121257.5184A-1000000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I must have missed something along the way. Spent the entire weekend over in South Pittsburg, TN, eating pizza at Bubba's Home Style Pizza expecting the QRP gang to appear. Home style in that part of the country means just like the stuff in the supermarket frozen food bins.

Yes, the place really exists, Just south of the interstate (24) on US 72 toward Huntsville. I note this in case the sponsors want to hold an authentic award ceremony.

-73-

LB, W4RNL

Date: Mon, 31 Aug 1998 11:27:46 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [18958] RE: Bubba's
Message-ID: <19980831162750496.AAA177@muenzlerk>

There is a theme park here in south Texas (San Antonio)

called Fiesta Texas. It is a Magic Mountain/Knot's Berry Farm type with rides and shows. They had an advertisement for one of the rides that read something like this:
"...capacity, four adults or three bubbas..."

Kevin, WB5RUE
wb5rue@stic.net <http://www.qsl.net/wb5rue>

I am Voltohm of Borg, Resistance is E/I, Power is EI,
you will be attenuated!

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> L. B. Cebik
> Sent: Monday, August 31, 1998 11:17 AM
> To: Low Power Amateur Radio Discussion
> Subject: Bubba's
>
>
> I must have missed something along the way. Spent the entire
> weekend over
> in South Pittsburg, TN, eating pizza at Bubba's Home Style
> Pizza expecting
> the QRP gang to appear. Home style in that part of the
> country means just
> like the stuff in the supermarket frozen food bins.
>
>
> Yes, the place really exists, Just south of the interstate
> (24) on US 72
> toward Huntsville. I note this in case the sponsors want to hold an
> authentic award ceremony.
>
> -73-
>
> LB, W4RNL
>
>
>
>

Date: Mon, 31 Aug 1998 12:38:47 -0400

From: Ken Newman <n2cq@citnet.com>
To: njqrp@njqrp.org, epaqrp-l@Lehigh.EDU, QRP-L@Lehigh.EDU
Cc: dougbankston@email.msn.com
Subject: [18959] BUBBA N2CQ/3
Message-ID: <1.5.4.16.19980831163623.2757b93c@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks, Bubbas for the QSOs in the lovely heat. I was enlisted to drive to Baltimore, MD to my daughter's house for XYL eyeball QSO, so took the QRP stuff since it is going to be warmer there for more points. Not much room in the back yard and no tree either so ended up using the Black Widow pole and a End Fed Half Wave Antenna (EFHWA) on it as an inverted V. Plenty of local QRN on and off there in Baltimore, MD. It was 90 degrees as I put up the antenna and dropped to 85 when the clouds came. I'm guessing that 20m was in poor condx since I heard only known stations that probably have a beam. 5 QSOs on 20 total.

40 was better but very short skip. Never got out to MI until the last minute. Most QSOs within 250 miles. Results: 33 QSOs, 15 SPCs, outside, 5 watts, heat index (85 corrected to 90 for RH 65 once RH found) for a total score of 89,100. Would have contacted a few on 20 at home for sure.

72/73,
Ken Newman, N2CQ
Woodbury, NJ
N2CQ@Citnet.com

Date: Mon, 31 Aug 1998 09:41:18 -0700
From: Allan Taylor K7GT <k7gt@qsl.net>
To: qrp-l@Lehigh.EDU
Subject: [18960] Backpack QRP shakedown cruise / private BUBBA event
Message-ID: <35EAD22E.5022@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I did a quick run to the ridge above town to shake down the gear for an upcoming QRP / backpack trip. I thought my experiences might be of some interest to others.

Gear: NC40A, SST/40, MFJ9020 , 40 and 20m dipoles, two battery packs,

one lightweight paddle and one paddle/keyer (brass racer), ensolite pad for sitting, very light windbreaker and OHR wide brim hat for sun protection. Oh yes, prescription sunglasses!

Left the trailhead at 7AM. Arrived at the desired spot at 8AM. Took 45 minutes to set up antennas . Got on 40 just in time to work NJ7M in Boise just before the WSN QRP net. He gave me a solid 569. Was in the net and had NO problem copying everyone. Only WE6W had a marginal signal this time.

After the net, I worked W6SIY for a rig comparison. Ran the SST vs the NC40A. The SST won by a hair. It turns out that the SST puts out close to 3W as is and the 40A about 2.3. I was running both on a 10 D cell pack ~15V. Oh, first casualty was the 8 AA cell pack. It drew a blank when tried on the ridge and only debugged it at home the next day as having a spring that was misaligned on cell 6.

Went up to 20m . Hardly a CQ to be found. I called and called. Finally the rig started sounding very strange. I noticed that if I put my hand on top of it, it behaved (sounded better). Finally deduced (duh) that it was as hot as I was, sitting in the sun with temps climbing rapidly into the low 90s. I made a shade for it from the heavy plastic software box slip cover I used to protect it in the pack. Immediately it began to behave. Finally some QSOs. Worked VE7BLC on Salt Spg Isl with a 559 and then worked N50E/QRP in answer to my CQ. He was running a SST/20. Toward the end of the QSO with VE7BLC, a very pretty hummingbird landed about a foot from the coax connection on the 20m dipole. I guess he liked the sound and feel of 20m RF. Anyway he left after that QSO. A nice omen, indeed.

Other troubles : the Vibroplex Brass Racer was misbehaving. likely dirt in the contacts (dash side). Next time bring an allen wrench, although the little screwdriver allowed a suitable adjustment.

The newly purchased headphones Sony MDR-A40s (I think) had great sensitivity but also enhanced hiss at high audio frequencies. The older walkman ones (don't know the model number, but from the Mega-Bass walkman AM/FM/cassette unit) were almost as sensitive but without the hiss. The new ones are those with a yellow headband and in-ear buds. VERY light, and they fold up very small, too. I found that if I cupped my hand around them and kept them snugly in the ear, the hiss almost went away. I may try a sweatband to see if that does the same thing.

Also figured out why the headphone audio was down on the MFJ as compared to the other two rigs: mono headphone jack (duh, again!) Now to replace it with a stereo jack.

The homemade superlight paddle (1" copper straps and plexiglas) with a velcro strap was much better in practice than the Brass Racer. The big paddle/keyer kept sliding off my leg! But no keyer yet in two of three rigs, so... had to take it along.

I took down the operation starting at 11 AM, leaving the ridge by 11:20. Got home in time to do the chores (fixing a split T joint in the front yard sprinkler line).

I hope this chatter is useful to someone.

Plans are still on for a QRP/backpack outing Sept 18/19 in Yosemite: DM07dv, near Harden Lake and Tuolumne R Canyon so rim. K7GT/p or N6RY/p.

--

73 de K7GT
Allan Taylor (a.k.a. Grant) Pleasanton CA
email: k7gt@qsl.net
web page: <http://www.qsl.net/k7gt/index.html>

Date: Mon, 31 Aug 1998 09:41:00 -0700
From: "Bill Todd" <bill@willapabay.org>
To: <nwq-1@scn.org>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [18961] NERDS Date (and day)`
Message-ID: <001d01bdd4fe\$24279f00\$325233d1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Group(s) -

The September 12th NERDS contest, sponsored by the NorthWest QRP Club is indeed on Saturday, the 12th.

Being the perfect day-of-the-week keeper that I am NOT, I somehow put "Sunday" down as the 12th, on my web page. If someone has a wet noodle ready for a thrashing, I am ready...(ha).

CUL, Bill-N7MFB
<http://www.willapabay.org/~bill>
ICQ me @ 8926298

Date: Mon, 31 Aug 1998 16:45:45 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18962] Time/Space Continue-um; QRP-l addiction.
Message-ID: <35EAD338.1B0C@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Almost didn't send this post, I'm trying to be less
superfluous....

August 29th. Something special about that date here at
QTH we6w.

1979, xyl-to be arrives Rota, Spain after graduating
highschool.
Married 19 years now.

1998, My Oldest gets to drive the car without adult
chaperone.

1998, xyl sends first email and actually enjoys
reading some of QRP-l.

QRP-l Addiction:

Hi, my name is Ed, and I'm addicted to QRP-l
email. My xyl mentioned "email" addiction, but
in the flavor of programming-ese, I pointed out
that it is "QRP-l email addiction." Hee, hee.
That's a lil' more specific.

Actually, I'm thinking of focusing on my projects over
the next month or so. maybe try to keep the radio off
and get some work done at the house. I've got lots
of soldering to do and the Drake TR-3 needs some
TLC as well. It barely limped thru the BUBBA sprint
let me tell you!

So I'm gonna be real quiet on the list for a bit.

72 to all.

-Ed

--

72, Ed WE6W (CW only/VP-0); <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397

Date: Mon, 31 Aug 1998 09:58:55 -0700
From: "Bill Todd" <bill@willapabay.org>
To: <we6w@qsl.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [18963] Re: Time/Space Continue-um; QRP-l addiction.
Message-ID: <005001bdd500\$a658ddc0\$325233d1@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Ed Loranger <we6w@qsl.net>
>QRP-l Addiction:
> Hi, my name is Ed, and I'm addicted to QRP-l
>email.

Hi Ed -

Just remember, the first step is to recognize that you are "powerless" (hi).

CUL, Bill-N7MFB

<http://www.willapabay.org/~bill>
ICQ me @ 8926298

Date: Mon, 31 Aug 1998 10:09:50 PDT
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [18964] Appropriate Names
Message-ID: <19980831170951.3185.qmail@hotmail.com>
Content-Type: text/plain

Everytime I see the following names on this list I can't help but think how appropriate they are to the hobby. Is ham radio and QRP that old that we find these surnames?

Roger Hightower (N7KT) -- Good radio name

Ed Loranger (WE6W) -- Good QRP name

Brad

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 31 Aug 1998 12:21:48 -0500
From: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
To: qrp-l@Lehigh.EDU
Subject: [18965] Bubba and Norcal Paddles
Message-ID: <35EADB8D.7DBB@uts.cc.utexas.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang,

One last comment on the Bubba contest. I used the Norcal Paddle with my EMTECH NW20 rig, but it was so hot and I was sweating so much that my fingers stuck to the paddle ALOT and wouldn't release properly. I ended up sending out some pretty creative signal and temperature reports...got lots of extra dots and dashes mixed in there. Sorry about that, but I think the acrylic paddles actually melted some in that 100 degree temperature I had for the last two hours of the contest. It wasn't because I was burning up the airwaves with contacts, that's for sure.

Next year, I'm gonna soak the paddles in ice for a couple of days before the contest :-)

One other seasonal trend: Last year I drank four beers and got 22 contacts, but this year I only drank soda and got 16 contacts. Seems to be a lesson here somewhere :-)

Cheers,

Gary, KJ5VW

Date: Mon, 31 Aug 1998 10:30:15 -0700

From: Allan Taylor K7GT <k7gt@qsl.net>
To: qrp-1@Lehigh.EDU
Subject: [18966] SST fine tuning mod??
Message-ID: <35EADDA7.23C9@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Is there a 3-turn or 10-turn pot that will fit in the space of the existing tuning pot in the SST? It looks cozy to me and would like to know if someone has done this potential mod.

--

73 de K7GT
Allan Taylor (a.k.a. Grant) Pleasanton CA
email: k7gt@qsl.net
web page: <http://www.qsl.net/k7gt/index.html>

Date: Mon, 31 Aug 1998 11:38:37
From: Steven Weber <kd1jv@moose.ncia.net>
To: w4bws@juno.com (Donald E Sanders)
Cc: qrp-1@Lehigh.EDU
Subject: [18967] Re: alternative power generation
Message-ID: <3.0.3.16.19980831113837.2c2f418c@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>How about a device to hook to the toilet that would generate power with

I like it! Put a water wheel in the main drain pipe and generate power with each flush, shower or when doing the dishes or laundry!

72, Steve KD1JV

Date: Mon, 31 Aug 1998 13:35:51 +0000
From: jim <kw3u@warwick.net>
To: vole@primenet.com
Cc: qrp-1@Lehigh.EDU
Subject: [18968] Bubba log
Message-ID: <35EAA6B7.2564@warwick.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

KW3U 30 august 98 bubba sprint log

UTC stn rst st name F

18:35	AA0XJ	599	IA	JAMES	80
18:47	N4NOA	449	VA	DAN	93
19:09	N4BP 559	FL	BOB	98	
19:15	KI0AF	559	IA	MIKE	93
19:32	K0LWV	559	MO	LARRY	85
19:35	W0LK 579	AR	BOB	75	
19:37	K5ZTY	449	TX	BILL	98
19:42	KG5U 599	TX	DALE	80	
19:46	KB0PTE	559	MO	WAYNE	75
19:50	KS4L 569	AL	RANDY	90	
20:00	N0UR 599	MN	JIM	73	

SCORE: 11 QSO'S X 8 SPC X 88f X 2 OUTDOORS = 15488 POINTS

Ran the OHR spirit 20m rig to magmount 20m hustler on top of toyota truck at the matamoras park. putting out 4watts per the WM-1 wattmeter, had a ball in nice 85 degree wx

72 es tnx to all JIM

Date: Mon, 31 Aug 1998 10:30:02 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-l@Lehigh.EDU
Subject: [18969] Needed: Filter Design Software
Message-ID: <3.0.3.32.19980831103002.00943b40@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I remember seeing an ad for filter design software someplace, but now I can't find it. I have a "demo copy" of a program from MicroSim that seems pretty nice, but it (the demo version) won't handle more than a three pole filter. Tried to connect to MicroSim's web site to get the "real thing", but found that they have merged with OrCAD and didn't find anything on OrCAD's web site about filter design software. I have various shareware programs for filter design, but the MicroSim program had a lot more "bells and whistles" and I would like to find that or something comparable.

Please reply direct to: W1HUE@amsat.org.

Tnx & 72, Larry W1HUE/7

Date: Mon, 31 Aug 98 13:41:54 EDT
From: jeverhar@cse.1-3com.com
To: kd1jv@moose.ncia.net
Cc: qrp-1@Lehigh.EDU
Subject: [18970] Re: altturnative power generation
Message-ID: <9808311741.AA08302@train11.cse.1-3com.com>

Gang,

Can't let this one die...

There's a story about Edison and his frugality that indicates he had a garden party at which some guests commented on the strength needed to open the garden gate. He responded that the gate was hooked to a pump which filled a tank in his attic so that he had running water!

72/73,

Joe E.

>How about a device to hook to the toilet that would generate power with
>
> I like it! Put a water wheel in the main drain pipe and generate power with
> each flush, shower or when doing the dishes or laundry!
>
> 72, Steve KD1JV
>
>

Date: Mon, 31 Aug 1998 17:49:30 +0000
From: Ed Loranger <we6w@qsl.net>
To: alihernlem@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18971] Re: Appropriate Names
Message-ID: <35EAE22A.5382@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brad enlightened us with:

Roger Hightower (N7KT) -- Good radio name

Ed Loranger (WE6W) -- Good QRP name

Brad

Hee! Hee! I for one missed that before.

Ed Low-Ranger Hee, hee haaa, whooooo!

but it is really pronounced Lor-en-jer.

Best 72,

Ed Low-Ranger

--

72, Ed WE6W (CW only/VP-0); <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397

Date: Mon, 31 Aug 1998 14:19:59 -0400

From: Sam Billingsley <SBillingsley@usaninc.com>

To: "Qrpl_Submit (E-mail)" <qrp-l@Lehigh.EDU>, "GQRP-list (E-mail)" <qgrp-1@blacksheep.org>, "klqrp_submit (E-mail)" <klqrp@waterw.com>

Subject: [18972] More PIXIE MODs

Message-ID: <21E06269B00ED111BE9B00805F6D0FA336951C@MAILSERVER1>

MIME-Version: 1.0

Content-Type: text/plain

When I ended the last segment of this story I had a miniture antenna tuner coupled to the antenna connection of my PIXIE. I saw I putting out a very low 18mw and knew something was wrong since I was pumping in about 400mw. Taking the new tuner addition out and checking it found two interesting things: First, the LC was tuned to 5.9MHz so I had to take off some turns and retweek the cap. Second, using my MFJ SWR analyzer and a dummy load I found the SWR very high : >>3:1. So I put two four turn links (one end of each link grounded) on the cold end of the LC and rechecked the SWR. Now its <2:1. One link goes to the antenna and the other link goes to the rig's output point. Putting it back on the rig and checking power got about 180 mw output across dummy load. BIG IMPROVEMENT.

Now Local AM broadcasts breakthrough is GONE but occasionally I hear foreign broadcast. Found out that it was station on 7.535 kHz coming in at S9+60 db on my ICOM756 with the endfed 135 ft longwire. Plan to put a series LC circuit from input to antenna tuner to ground. Should eliminate this guy or at least greatly reduce him.

Now for the BIG change: VXO operation. I hated the fact of the two fixed frequencies. I was moving the xtal frequency using the two different caps (switched) to ground. This originally gave me about 800Hz shift. Good for another PIXIE (I worked AE4NY's PIXIE at two feet. HiHi.)

So I wound a FT50-61 ferrite toroid with 31turns and put it and a 25pF var. cap in series with the Xtal. Now get 6KHz swing (7038 to 7044KHz). BETTER. Took the original offset switch and switched in or out a very low cap to provide tx/rx shift. Works great middle of the range but too much or too little at the ends. BTW the 0 - 50% of 25pf shift covers 2/3's of the range. So the fix offset would be different between the ends. HumPlan to put two var. caps in rig and switch them manually between rx/tx. This should give me flexibility between tx/rx operations over the 6 kHz range. Watch out guys her I come. VXO(6kHz), 180mw and a wire antenna. How's that for PURE QRPing.

Sam Billingsley AE4GX e-mail: sbillingsley@usaninc.com
Atlanta, GA

Inverted L, Butternut Vert, Iso loop, Parking Lot Portable Vertical(PLPV)

40mtrRamsey	QRP+	HW7	HW8	HW9	NorCal38S	Pixie2
NORCAL 2210	MI-QRP 1567	QRP-L 1033	ARCI 9356	AKQRP 308		
GQRP 9660	ARS 269	NOGA	CQC 454	FISTS		
5306						

Date: Mon, 31 Aug 1998 14:05:04 -0400
From: n2tpa@juno.com (Bill d Lazure)
To: lenr1@students.latrobe.edu.au
Cc: QRP-L@Lehigh.EDU
Subject: [18973] Re: Is anyone out there experimenting with a surface mount RIG
Message-ID: <19980831.141302.7462.3.N2TPA@juno.com>

Luke,

In the interests of size conservation, I have built a mic compressor that fits inside the head of my table mic. Otherwise, most of my SMT building is caps for bypassing all the way up to VHF.

What is a cheap source of small quantities of SMT parts? I don't want to buy in lots of 1000.

P.S. At 36, my eyes are still fresh enough to use SMT. HiHi

Bill

N2TPA

Luke Enriquez writes:

>G'day,

>

> Everyone has their interests, mine happens to be surface mount. I've always dreamed of building a Sierra or similar multi-band multi-function rig using surface mount technology. My motivation is to use surface mount whilst my eyes are young and fresh (I'm 24 y.o.). So is anybody experimenting with surface mount, or has anyone copied a known working design (ie : Sierra) and rebuilt it entirely from surface mount. If not, is anyone interested?

>

>Regards,

>Luke

>

>

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Date: Mon, 31 Aug 1998 13:49:34 -0400
From: n2tpa@juno.com (Bill d Lazure)
To: adam-kanis@uiowa.edu
Cc: QRP-L@Lehigh.EDU
Subject: [18974] Re: Xtal filter for DC receiver - legit?
Message-ID: <19980831.141302.7462.1.N2TPA@juno.com>

Adam,

If you're talking about a fixed crystal filter in front of a VXO receiver, the receiver will only be able to hear the freqs passed by the filter. You've just made a single frequency receiver!

A filter in front of a fixed oscillator receiver is the IF section of a superhet.

A variable XTal filter in front of a VXO would have to have relatively precise tracking between the filter crystals and the VXO. Otherwise you'd hear nothing. The only advantage that I can see to this scheme is that you'd get some incredible front-end filtering. Could be useful if you're in an unusually high "RF Noisy" environment.

If you're looking for opposite sideband rejection, try the R2 phased receiver.

Bill
N2TPA

"Adam B. Kanis" writes:

>hi,
is there any utility in adding a crystal filter stage to a crystal
controlled DC receiver (with the filter crystals matched to the same
frequency as the oscillator crystal)? initially i thought that it would
be useful, but i haven't seen any circuits using one - so i started 2nd
guessing myself and am thinking that perhaps i'm missing something.

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Date: Mon, 31 Aug 1998 14:19:38 -0400
From: Art Marshall <artm@t-com.com>
To: "'nilsbull@juno.com'" <nilsbull@juno.com>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [18975] RE: QRP VS RELIGION
Message-ID: <01BDD4EA.639B4D80.artm@t-com.com>

Hmmmm, what are ya trying to say
73
Art

-----Original Message-----
From: Nils R Young [SMTP:nilsbull@juno.com]
Sent: Sunday, August 30, 1998 3:20 PM
To: Low Power Amateur Radio Discussion
Subject: Re: QRP VS RELIGION

Like Eric Cartman says "Poor people tend to live in clusters."

73
Nils

Nils R. Bull Young
La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch
WB8IJN &c :: The Tagalong Press :: email to: nilsbull@juno.com
<http://www.geocities.com/Athens/Olympus/9172>

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Date: Mon, 31 Aug 1998 11:42:05 -0700
From: Jerry Conover <jerry.conover@NAU.EDU>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18976] Improving the ears of a new 38 Special
Message-ID: <35EAE7D.FB99F6AC@nau.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi, folks. I just finished building a 38 Special last night, and I'm hoping any of you out there familiar with the rig might give me some suggestions about getting it adjusted well. BTW, I included the options for 5W output, RIT, and TiCK keyer.

The rig doesn't receive well at all. Audio level seems fine, as the keyer sidetone is plenty loud (and the keyer seems to work fine). I tuned in a moderately strong signal or two on my Yaesu rig, then zero-beated the 38S with it so I'd know where I was. I heard nothing but noise through the 38S headphones at first, though when I adjusted the TC1 trimmer cap, a faint signal was detected. There were a couple of spots in the rotation of TC1 where I could hear that signal, but it's about an S1 level, certainly not strong reception (and about S7-8 on the Yaesu).

Frequency coverage seems rather limited, too, ranging from about 10125 down to 10117 kHz. I would like to move that down and spread it out a bit.

Nonetheless, I answered a CQ, switching back and forth between the 38S to transmit and the Yaesu to receive, and managed a nice 20-minute QSO into Oregon with a 588 signal report. Can't complain about that, though I want to clean up the transmit signal, too. I noticed that TC2 doesn't seem very sharp when it comes to tuning the transmitter for "best tone" in the separate receiver.

Well, I'm anxious to get this little gem polished and try it solo, so any help anyone might offer would be most appreciated! Thanks.

72/73 de AB7II
Jerry

jerry.conover@nau.edu

Date: Mon, 31 Aug 1998 14:53:17 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [18977] Re: QRP VS RELIGION
Message-ID: <001001bdd510\$9e2a3080\$8a1005d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Art,

This Eric Cartman guy is a wealthy DXpeditioner. If you don't have the money to go DXpeditioning you live in the DX cluster.

Never mind, the Guajolotes must be having a bad hair day.

You guys are fun!!!

73 de Vince, VE3VFN.

>From: Art Marshall <artm@t-com.com>

>Hmmm, what are ya trying to say

>From: Nils R Young [SMTP:nilsbull@juno.com]

>Like Eric Cartman says "Poor people tend to live in clusters."

Date: Mon, 31 Aug 1998 11:55:17 -0700
From: k6hcj@juno.com (Marv Fagenson)
To: qrp-1@Lehigh.EDU
Subject: [18978] Russ <kg6ip@qnet.com>: Ham Equipment for Sale
Message-ID: <19980831.120829.4438.0.k6hcj@juno.com>

Marv Fagenson

k6hcj@Juno.com

----- Begin forwarded message -----

From: Russ <kg6ip@qnet.com>

To: Marv Fagenson <k6hcj@juno.com>, Pat Coker <n6rmj@qnet.com>, Rob Williams <rtwilliams@psd.k12.ca.us>, Bill Pomeranz <pomeranz@mail.wgn.net>, Gayle Olson <golson@sd.cts.com>, George Hampton <GHampton@WBR.com>, Jim Lytthans <lytthans@pacbell.net>

Subject: Ham Equipment for Sale

Date: Sun, 30 Aug 1998 21:12:17 -0700

Message-ID: <35EA22A1.342B34DF@qnet.com>

Tower 40' tubular FreeStanding, \$500

HyGain Explorer 14 Tribander w/ 40 mtr add on kit. \$200

Mosley 12/17 rotateable dipole \$100

Audio Filter JPS NIR 10 \$100

AEA 232mbx Packet controler W/ Pactor upgrade. \$150

Mirage 2mtr/35watt amp \$50

Beam 2mtr 4 element. \$25

Contact Russ 323-730-4260

or kg6ip@qnet.com

----- End forwarded message -----

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com>

Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 31 Aug 1998 12:09:01 -0700 (PDT)

From: Monte Stark <ku7y@dri.edu>

To: QRP-L <qrp-l@Lehigh.EDU>

Subject: [18979] Re: sprint (fwd)

Message-ID: <Pine.SOL.3.96.980831120652.18318A-1000000@vortex>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Last call for NA Sprint QRP team members. We still have room.

Come join in on the fun. With any luck the condx will be better than they were in the BUBBA!

Thanks,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

----- Forwarded message -----

Date: Mon, 31 Aug 1998 12:03:00 -0700 (PDT)
From: George Fremin III <geoiiii@kkn.Net>
To: Ron Stark <ku7y@sage.dri.edu>
Subject: Re: sprint (fwd)

> 1. K7SS
> 2. KU7Y
> 3. W5FO
> 4. K5TR
> 5. N6GA
> 6. N4BP
> 7.
> 8.
> 9.
> 10.
>

This is all that I have so far. Any others?

--

George Fremin III	"I'm talkin' 'bout that outlaw X
Austin, Texas	It's cuttin' through the air.... "
K5TR (ex.WB5VZL)	
512/416-7010	-- "Heard it on the X"
geoiiii@kkn.net	-- ZZ Top
http://www.kkn.net/~k5tr	

Date: Mon, 31 Aug 1998 14:27:50 -0400

From: "David P. Drake" <dpd@dtpx2.ncifcrf.gov>
To: qrp-1@Lehigh.EDU
Subject: [18980] Re: alternative power generation
Message-ID: <3.0.5.32.19980831142750.00f25370@dtpx2.ncifcrf.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Why not build a Stirling engine? Use water from a stream for cooling and go solar for the heat. Or, if running QRO, tie in the rig's heat sink to the hot side. More info on Stirling engines can be found at:
<http://www.eren.doe.gov/consumerinfo/refbriefs/ba9.html>

Dave - N3LSB

Date: Mon, 31 Aug 1998 15:29:29 EDT
From: jalbertin@juno.com (Jerry Albertin)
To: qrp-1@Lehigh.EDU
Subject: [18981] FS MFJ 9020
Message-ID: <19980831.153109.5495.0.JAlbertin@juno.com>

I thought this rig was sold but the party who wanted seems to have vanished, so I am offering it again.

MFJ 9020 in very good electronic condition and good physical condition (one of the numbers is worn on the face plate) complete with documentation \$95 shipped

73...Jerry kg2jff

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 31 Aug 1998 15:35:34 -0400
From: Scott Howell <showell@hq.nasa.gov>
To: qrp-1@Lehigh.EDU
Subject: [18982] random wire antennas
Message-ID: <3.0.5.32.19980831153534.007de140@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

ok, I should have said random and not long wire antenna. I think there is a difference. Someone mentioned feeding it with coax. That should work I would think.

I wonder if anyone can comment on whether or not they have used such a setup with the LDG tuner and if they needed a balund for this setup. The LDG balund in particular.

Thnx to all agn.

Btw, tnx to those who have replied thus far.

Date: Mon, 31 Aug 1998 14:45:13 -0500
From: "Randy Jouett" <nop@swbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [18983] Re: altunative power generation
Message-ID: <001f01bdd517\$df85e4a0\$210aa8c0@aldebran>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Steven Weber <kd1jv@moose.ncia.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Monday, August 31, 1998 12:36 PM
Subject: Re: altunative power generation

>>How about a device to hook to the toilet that would generate power with
>

>I like it! Put a water wheel in the main drain pipe and generate power with
>each flush, shower or when doing the dishes or laundry!

>
>72, Steve KD1JV
>

I get free water in the apartment that I'm staying in, and I was thinking about putting a paddle-wheel generator on the bath and kitchen sink spouts. Should work well when a hurricane knocks out the power :^). Should be able to easily power a qrp station and a light bulb.

Randy AB5NI
nop@swbell.net

Date: Mon, 31 Aug 1998 16:12:30 -0400
From: Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18984] Re: altturnative power generation
Message-ID: <35EB03AE.45879B62@eng14.rochny.uspra.abb.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If you live by a lake or ocean, you can use waves to run a generator.

Tom, kv2x

Date: Mon, 31 Aug 1998 20:33:52 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18985] Re: Stirling Engines
Message-ID: <35EB08B0.1447@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I suggested the following links some time ago for Stirling Engines. Including photos and projects on these sites too! Also, these are cut/paste from some of my prior posts so I hope all the words are in context!

(I can't believe I researched all this.... email/information addict!)
-Ed

First your site:
<http://www.eren.doe.gov/consumerinfo/refbriefs/ba9.html>

Here's the links I found:
<http://powerweb.lerc.nasa.gov/stirling/DOC/strlcycl.html>

Some of my web search results from "Alta Vista" are:

The best site is : <http://www.stirlingengine.com/> (Repeated below)

<http://www.mit.edu/people/api/sterling.html>

*** shows a hand-made and carefully machined sterling engine.

*** <http://www.keelynet.com/stirling.htm>

(SIC Stirling should be Sterling)

Is an eager memo on Sterling Engine research and quick reference to Solar Energy.

*** <http://www.stirlingengine.com/>

THE ABSOLUTE BEST INFORMATION HERE!!! READ FIRST!!!

This is an external combustion engine and has been also used in remote countries to pump water. The power source is obtained from any temperature differential. That is (i.e), half of the motor can be in the SHADE and half in the SUN, and at night you can use a small burner to heat up half of the engine..

Check it out. And the Sterling engine is fairly efficient. Best used for fixed power output applications. In fact, there are many sterling engines used to power telephone repeater circuits in remote locations.

I have found a web page out of Half Moon Bay, CA that is neat. One link to a .jp website has complete plans under an academic project heading.

URL for the project:

<http://www.bekkoame.ne.jp/~khirata/academic/seminar/indexe.html>

All necessary drawings. Well done.

The Half Moon Bay company stirring web page is:

<http://www.tamin.com/stirling.html>

Obviously you can go to: <http://www.tamin.com> to start if you wish... Half Moon Bay is only 1.5 hrs. from here in Santa Rosa, CA so I mention it only since it is nearby to my location. No connection.

Oh, in my previous post I mentioned:

<http://www.stirlingengine.com/>

well, they've got a stirring engine for sale that runs off the heat of your coffee cup! Neat stuff.

I don't see heated thermocouples getting anywhere near the efficiency and power output of one of these.

For those without web access, please visit a local library and use their free terminals -- I am in no position to translate and email any of this information -- and remember private use only copyright issues...

Best learning to all, and I sure wish I had a stirling engine running off the sun/shade or a candle during field day -- sure to power up my QRP rig.

--

72, Ed WE6W (CW only/VP-0); <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397

Date: Mon, 31 Aug 1998 16:08:15 -0400
From: THE ONE AND ONLY <mitch96@pobox.com>
To: Qrp-l@Lehigh.EDU
Subject: [18986] time/space continu-umm
Message-ID: <35EB02AF.16BD@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Time/Space Continue-um; QRP-l addiction. (Ed Loranger , 12:45)
To:
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

QRP-l Addiction:

Hi, my name is Ed, and I'm addicted to QRP-l email.

Hi My name is mitch and im powerless over qrp-l and my life has become unmanageable.
i MUST get on line 2x a day to get my fix. im fortunate because my "dealers" are willing to comply with about 40 hits per download. i feel like im part of a great, uh spherical.....warm fuzzy....er..you know!! whats the word. like connected man. like what i always felt armature radidio should be. if thats 'ddicted. so be it. there ive said it, you all heard it, so there.....
now how does that thingie go??? grant me the capacitance to accept the induction i cannot change, the core-age to winde the toroids i can, and the wire-dom to know the bifilar difference.

Mitch, Ww4mL
Eschew Obfuscation!

Date: Mon, 31 Aug 1998 16:57:13 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [18987] QRZ Portland, Oregon?
Message-ID: <Pine.LNX.3.95.980811103604.8965A-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Having just traveled to the west coast of Oregon, and having REALLY liked it out there:

- 1) What's QRP activity like?
- 2) Anyone looking for a techie with a BS an MS in Electrical Engineering (and an RF junkie to boot)?

** Scott Rosenfeld NF3I & AAR3IB/T ** <http://w3eax.umd.edu/~ham> **
** Burtonsville, MD FM19mc * DXCC WAC WAS * QRP-L #147 * AK-QRP **
* Waiting for 6m to open... ** ARRL Life Member/Laurel ARC/UMARA *
** 301-549-1022(h) 301-982-1015(w) *** 35 wpm HF mobile CW Neon **

Date: Mon, 31 Aug 1998 17:24:54 EDT
From: FrConrad@aol.com
To: qrp-l@Lehigh.EDU
Subject: [18988] Re: QRP vs Religion
Message-ID: <924f68e2.35eb14a6@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

You guys keep up this thread and you're gonna' get an unsolicited homily.

Or as our President might confess, "...indeed, I did pray for an opening on 20 meters.

John+

Date: Mon, 31 Aug 1998 15:42:05 -0600
From: Niel Skousen <skousen@srv.net>
To: qrp-1@Lehigh.EDU
Subject: [18989] Tv1 to UK
Message-ID: <199808312142.PAA17625@srv.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I will be in the UK from 9/26-10/5. I will be in the Fawley and
Brockenhurst.
Are there any QRP-L'ers in the area ? Any Must Do QRP activities ?

TIA es 72
Niel

Date: Mon, 31 Aug 1998 16:41:42 -0500 (EST)
From: bkobie@webtv.net (patrick obrien)
To: qrp-1@Lehigh.EDU
Subject: [18990] pixie
Message-ID: <2215-35EB1896-5442@mailtod-131.iap.bryant.webtv.net>
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

looking for the web ad for the place which sells the pixie kits, tx
73/pat k8len

Date: Mon, 31 Aug 1998 14:46:41 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@Lehigh.EDU>
Subject: [18991] NorCal Kit Policy Query

Message-ID: <01bdd528\$d774b500\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There have been a couple of questions about the NorCal kit policy. We stated in the NorCal 20 announcement that we would only be doing 1 run now of NorCal kits, no more multiple runs. There were 4 runs of 500 of the 38 Special, and 3 runs of 500 and 1 run of 100 on the K8FF NorCal Paddles. Jim and I have decided that we are not going to do that anymore. It takes entirely too much of our time. We set a limit of 500 on the NorCal 20 and coupled with the 500 kits for 3rd world countries, means that we will be kitting and shipping 1000 kits. That is it period. No more runs of the NorCal 20 from NorCal. Some of you may not be aware of the amount of work that is involved. Let me give you a couple of examples. (I am not doing this for any other reason than as an example). Jim received 500 orders in 18 days. That meant that anyone who jumped right in and sent their order to arrive the first couple of days of August was in for sure. Others were later, but it still took 2 and 1/2 weeks to sell all of them, so all had a chance. Now, Jim is getting requests to see "if so and so made the list". He put the orders in chronological order as they were received in the "order book". To find out if "someone" made the list, he has to go through 500 names to find it. Then he has to type out a reply, and then send it on email. Lets say that it takes 5 minutes to read the message, find the information, and type in a reply. I think that is a reasonable estimate and probably on the low side as far as time goes. Just think how much time Jim would be spending if all 500 asked for that information. $500 \times 5 = 2500$ minutes. That is 41 hours and 40 minutes, over 1 man work week!! So please, check your bank for your canceled check, or watch your mail box. Jim is returning voided checks that did not make the cut. But please do not email Jim or me and ask if you made the list.

Example #2. I am matching the crystals. I can do 200 an hour. I have 8500 to do. That means that I have 42 1/2 hours of work. I have matched 2700 so far, and have 5800 to do.

So, now do you understand why NorCal is limiting the number of kits? It is a huge undertaking, we enjoy doing it, but we have our limits.

The design will revert back to the designer, Dave Fifield. So far two companies have expressed interest in continuing the design. But, that will have to wait until we finish with the NorCal kits, get them out there, get them built and get some feedback. Whether or not the design is done commercially is entirely up to Dave.

Thanks for your interest, support and understanding, it is appreciated. Now where did I put my Zombie badge???

72, Doug, KI6DS

Date: Mon, 31 Aug 1998 17:37:04 -0400
From: n2tpa@juno.com (Bill d Lazure)
To: we6w@qsl.net
Cc: QRP-L@Lehigh.EDU
Subject: [18992] Re: SMT Parts Source
Message-ID: <19980831.174308.6518.0.N2TPA@juno.com>

Ed,

I get plenty of SMT resistors and active devices from old consumer
junkie, but have had very bad luck getting capacitors. I get one useable
for evcery seven or eight I attempt.

Bill
N2TPA

Ed Loranger <we6w@qsl.net> writes:
>Bill, try used VCR's. I've got a lifetime supply!
>
>-Ed

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

End of QRP-L Digest 1200

